

MUNICIPAL INSPECTION REPORT

FOR

THE HAMLET OF AKLAVIK

WATER LICENCE N3L4-0570

OCTOBER 05,1993

PREPARED BY

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NORTHERN AFFAIRS PROGRAM

INDIAN AND NORTHERN AFFAIRS CANADA

INUVIK, N.W.T.

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WATER LICENCE N3L4-0570**

Introduction

This Licence allows for municipal water use and waste disposal at Aklavik, Northwest Territories. This Licence became effective May 1, 1989 and expires April 30, 1999.

An inspection of the water supply and waste disposal facilities at Aklavik was conducted by Scott Gallupe, Water Resources Officer, Inuvik, on October 05, 1993.

There were no changes in the facilities or method of operation for waste disposal and water intake\distribution.

The contact people during the inspection were Richard Ross, Hamlet Foreman and Elizabeth Kunnizzie, Acting Senior Administrative Officer.

A. WATER SUPPLY

The year round water supply is obtained from the Peel Channel of the Mackenzie River on the southwest side of the Hamlet. G.N.W.T.'s Department of Public Works (DPW) maintains the intake line and treatment plant.

The pumphouse/treatment plant needed to be cleaned. Dirt has accumulated on the floors and walls as well as on the equipment used in water treatment. The Hach chlorine tester kit was also very dirty.

Water is distributed solely by tank truck. The Hamlet tendered the contract for delivery to Storr and Sons Contracting Limited. The 4 inch diameter steel summer pipeline (summer only) is not used any more due to high maintenance costs.

Records of water quantities pumped from the Peel Channel are kept at the pumphouse/treatment plant and are given to the Hamlet Office by DPW.

Samples were taken of raw water from a tap inside the treatment plant, known as SNP 570-1. Results will be forwarded when available.

B. SEWAGE DISPOSAL

Sewage pumpout is deposited at Clearing Lake, the sewage lagoon. Sewage pumpout is contracted to Storr and Sons Contracting Limited by the Hamlet.

There are approximately 166 buildings on sewage pumpout.

The sewage lagoon was not posted to the satisfaction of the Inspector.

There are approximately 20 units that are on bagged sewage. Honeybags are picked up once every two days and deposited at a pit at the solid waste disposal site. The posting was not to the satisfaction of the Inspector. The sign was in poor shape and in the wrong place. This was noted in last year's inspection as well.

The sewage pumpout chute is being used. The mouth of the chute has been enlarged with a plywood frame. This method makes dumping easier as the operator need not waste time fitting the outflow hose into the end of the chute.

There was no garbage noted in the sewage lagoon.

No samples had been taken at SNP station 570-3 by the Hamlet at time of inspection. Freezing of the lagoon had already begun and the Hamlet was reminded that they are to sample just prior to freeze-up. Richard Ross said he will take a sample when the ice is safe to walk on. Results will be forwarded when available.

The Hamlet was also reminded to sample SNP station 570-3 immediately after break-up and just before freeze up on an annual basis.

C. SOLID WASTE DISPOSAL

Garbage is deposited at the solid waste disposal site located 1.5 km north of the community adjacent to the sewage lagoon. A new cell for domestic garbage had been constructed at the site and was burning at time of inspection. The old cell had been partially covered with soil. There was a posted bagged sewage pit at the site. The entrance to the solid waste disposal site was posted.

There was a separate area for bulky metal waste. This area was posted. The Hamlet is collecting empty 45 gallon drums from around the community and storing them adjacent to the domestic garbage cell because the Hamlet says the bulky metal waste site becomes too wet in the spring and summer. It was not apparent what the Hamlet plans to do with these drums.

The amount of wind blown debris appeared to be nominal. There is no controlled access or fencing at this solid waste disposal site.