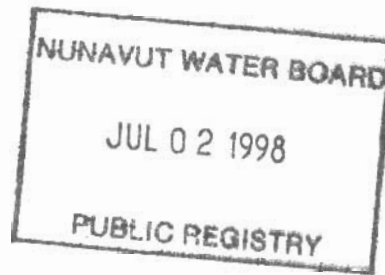




DIAND Nunavut District
Box 100
Iqaluit, NT
XOA OHO

June 17, 1998

Mr. Dennis Zettler
Senior Administrative Officer
Hamlet of Baker Lake
Baker Lake, NT
XOC OAO



four nil Votre référence

Our file Notre référence
B9545-5-N6L3-1191

Dear Mr. Zettler;

Re: Water Licence Inspection - N6L3-1191
Hamlet of Baker Lake - June 10, 1998

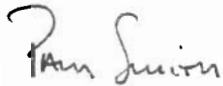
1. Attached is a copy of the inspection report prepared as a result of the water licence inspection carried out on Licence N6L3-1191 held by the Hamlet of Baker Lake for municipal purposes.
2. There were three outstanding issues identified during the last compliance review. These related to the posting of warning signs at the dump and water intake area, the posting of Surveillance Network Program (SNP) station signs and the collection of SNP data per SNP, Part B, Items 2 and 5 of the licence.
3. From discussions held with Mr. Ikoe, it is apparent that all outstanding issues can be resolved this summer. Please advise this office when the necessary signs (per Part B, Items 4 and 6) are posted.
4. I have checked with the Nunavut Water Board with respect to the status of the Operations and Maintenance (O+M) plan submitted by the Hamlet in November of 1996. Although the Board did not officially review it, a number of shortcomings were noted and Mr. Leo Caouette was provided a template and information required to produce an O+M plan that would meet the guidelines as set forth by the Board.
5. As noted in the inspection report, prior to abandoning the old honey bag pit, the way in which this is to be done must be approved by the Board. Part E, Item 1 of the licence outlines the considerations that must be made when preparing this plan.

.../2

6. Should you have any questions with respect to this inspection report or on outstanding compliance issues, I can be reached at the above address or by phone at (867)-979-4405.

7. I would like to extend my gratitude to Mr. Ikoe for his assistance during the inspection.

Sincerely,



Paul Smith
Water Resources Officer
Nunavut District

- cc.
- Nunavut Water Board, Gjoa Haven
 - DIAND Water Resources, YK
 - RMO, DIAND, Rankin Inlet
 - Environmental Health Officer, KRHB, Rankin Inlet (B. Rideout)
 - MACA, Rankin Inlet (Don Forsyth)
 - Environment Canada, YK (Anne Wilson)

Inspection Report

Hamlet of Baker Lake
June 10, 1998

Page 2

Note 1

Plans are currently underway to upgrade the intake and pumping capability at the truckfill station. At present the Nunavut Water Board has directed the Hamlet that they will have to apply for an amendment prior to this work being carried out.

Note 2

The small retention berm that sits below the sewage truck discharge point washed out at some point this past year. This has little effect during the winter (as the sewage glaciates in place anyways). Mr. Ikoe indicated that repairs would be made this summer.

Note 3

The Hamlet submitted O+M plans back in November 1996. The Nunavut Water Board opted not to review the plans, but provided the Hamlet (on August 28, 1997) with direction on a number of areas that they felt were deficient with the plan as submitted. To date, the Hamlet has yet to resubmit a plan.

Note 4

The Hamlet does not have any approved A+R plans. The Hamlet would like to decommission the honey bag pit as there are no longer enough housing units to justify having such a disposal facility. Mr. Ikoe was advised that any A+R work had to be approved by the Board prior to taking place. The pit is quite small and is located adjacent to the sewage disposal area. An appropriate 'plan' would consist of draining accumulated melt water (towards the sewage treatment area), covering the exposed remaining wastes (mainly plastic bags) with an adequate amount of granular material and then contouring the area such that all runoff goes towards the sewage treatment area. Mr. Ikoe is directed to the Board if additional information is required.

General Comments:

The waste disposal facility is operated in a very effectively and efficient manner.

Note that the Nunavut Water Board has amended the sampling requirements and has designated a third site (1191-3) at the outlet of Airplane Lake. Sampling at this location is required to be carried out annually (i.e. only once per year) for the listed parameters.

Paul Smith
Water Resources Officer
Nunavut District

MUNICIPAL WATER USE INSPECTION FORM

DATE: June 10, 1998 COMPANY REP.: Hugh Ikoe
 LICENSEE: Hamlet of Baker Lake LICENCE #: N6L3-1191

WATER SUPPLY

Source (s): Baker Lake Quantity Used (to date): 42,000m³/year
 Owner/Operator: GNWT/Hamlet (estimate or actual)

Indicate: A - Acceptable U - Unacceptable N/A - Not Applicable

Intake Facilities: N/A Storage Structure A Treatment Systems A Chem. Storage A
 Flow Meas. Device A Convey. Lines N/A Pumping Stations A

Comments: See page 2

WASTE DISPOSAL

Sewage Sewage Treatment System (primary, secondary or tertiary) Secondary + - very good
 Natural Water body _____ Continuous Discharge (land or water) _____
 Seasonal Discharge _____ Wetlands Treatment ✓ Trench _____

Solid Waste: Owner/Operator: GNWT/Hamlet
 Landfill _____ Burn & Landfill ✓ Other _____

Indicate: A - Acceptable U - Unacceptable N/A - Not Applicable

Disch. Quality A Decant Structure N/A Erosion N/A
 Disch. Meas. Dev. N/A Dyke Inspection N/A Seepages N/A
 Dams, Dykes N/A Freeboard N/A Spills N/A
 Construcion N/A O & M Plan N/A A & R Plan N/A
 Periods of Discharge: Spring-fall Effluent Discharge Rate: unknown

Comments: See page 2

FUEL STORAGE

Owner: _____ Operator _____ Condition of Tanks _____
 Berms & Liners _____ Water within berm: _____ Evidence of Leaks: _____
 Drainage Pipes _____ Pump Station and Catchment Berm _____
 Pipeline Condition _____ Not Applicable: ✓

SURVEILLANCE NETWORK PROGRAM

Samples Collected: (Hamlet) _____
 (DIAND) 1191-1, 1191-2

Signs Posted: SNP Required Warning Required

Record & Reporting 1997 Annual Report was submitted per licence conditions

Geotechnical Inspection: N/A

Non-Compliance of Act or Licence: Outstanding issues to be addressed - Hamlet must place warning signs at water supply and waste disposal, must place SNP station signs, and must initiate sampling requirements per licence.

Page 2 attached Yes ✓ No _____

Licensee Representatives Title

Not available

Licensee Representatives Signature

Inspectors Name

Paul Smith

Inspectors Signature