



DIAND Nunavut District
Box 100
Iqaluit, NT
XOA OHO

Your file Votre référence

August 25, 1997

Our file Notre référence

B9545-5-N4L4-0571

Mr. Henry Boychuk
Senior Administrative Officer
Hamlet of Igloolik
Igloolik, NT
XOA OLO

Dear Mr. Boychuk;

Water Management Inspection - July 22, 1997

1. Attached is a copy of the inspection report prepared as a result of the inspection carried out on July 22, 1997.
2. First, I would like to thank you and David Haulli for the time and effort made in order to complete the water licence application. Obtaining a licence will address the major shortcoming that has always been identified.
3. By copy of this letter, MACA, Iqaluit, is advised that you may request additional information in order to complete the questionnaire.
4. There are a few suggestions that I would like to make in terms of the waste disposal facilities:
 - a) the dump should be fenced;
 - b) a hazardous material storage area should be designated. The use of sealift containers may be appropriate so that compatible materials can be stored in a secure fashion until such a time that they can be properly disposed of. Presently such material is disposed of in the bulky metal portion of the waste disposal facility.
5. Apart from these issues, the waste disposal site is very well maintained.
6. Results of the water samples collected will be forwarded when analysis has been completed.

Sincerely,

Paul Smith
Water Resources Officer
Nunavut District

- cc.
- Nunavut Water Board, Gjoa Haven
 - Water Resources, DIAND, YK
 - MACA, Iqaluit (Rick Armstrong)
 - Public Health, Iqaluit (Nicole Ritchie)

MUNICIPAL WATER USE INSPECTION FORM

Date: July 22, 1997 COMPANY REP.: David Hauili
 LICENSEE: Hamlet of Igloodik LICENCE #: Unlicensed

WATER SUPPLY

Source (s): Reservoir / South Lake Quantity Used (to date): ~32,000 m³/year
 Owner/Operator: GNWT-DPW / Hamlet (estimate or actual)

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

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

Comments: South Lake is shallow, so sometimes organic material blocks the intake screen. There are plans for next year to further enlarge the water reservoir

WASTE DISPOSAL

Sewage Sewage Treatment System (primary, secondary or tertiary) primary ++ (probably secondary)
 Natural Water body Continuous Discharge (land or water) overland to sea
 Seasonal Discharge ✓ Wetlands Treatment Some Trench
 Solid Waste: Owner/Operator: GNWT / Hamlet
 Landfill Burn & Landfill ✓ Other

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

Disch. Quality N/A Decant Structure N/A Erosion A
 Disch. Meas. Dev. N/A Dyke Inspection N/A Seepages A
 Dams, Dykes A Freeboard A Spills N/A
 Construcion Note O & M Plan N/A A & R Plan N/A

Periods of Discharge: July - Sept Effluent Discharge Rate: ~500 l/day during summer
 Comments: Next year a third cell will be added to the sewage lagoon.

FUEL STORAGE

Owner: Pol Operator Contractor 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) Not required
 (DIAND) Reservoir, dump leachate
 Signs Posted: SNP Not required Warning Present
 Record & Reporting Hamlet keeps detailed records of water consumption and delivery
 Geotechnical Inspection: N/A

Non-Compliance of Act or Licence: Hamlet is unlicensed. Considerable effort was made by the SAO to complete a water licence application and questionnaire from the NWB. Hamlet requires supplementary information from MACA

Page 2 attached Yes No ✓

Licensee Representatives Title

Not Available

Licensee Representatives Signature

Inspector's Name

Inspector's Signature