



DIAND Nunavut District
Box 100
Iqaluit, NT
XOA OHO

Your file Votre référence

Our file Notre référence

October 16, 1996

B9545-5-N4L3-1571

Mrs. Susan Salluviniq
Senior Administrative Officer
Hamlet of Resolute Bay
Resolute Bay, NT
XOA ORO

Dear Mrs. Salluviniq;

Re: Water Licence Inspection: August 23&29, 1996



1. Attached is a copy of the inspection report prepared as a result of the water licence inspection carried out on August 23rd and 29th, 1996.
2. Concerns identified that will have to be addressed relate primarily to the metering and use of water.
3. The Hamlet is entitled to use 65,000 cubic metres of water per year. During the inspection, it was learned that the meters in the water treatment plant had not been functioning for the past two months. By copy of this letter to DPW, GNWT, it is imperative that these meters be replaced so that accurate water consumption records can be kept. This is especially true since that the Hamlet is selling water to Narwhal Arctic Services and the Polar Continental Shelf Project. It is contrary to the Licence to exceed the 65,000 cubic metre consumption limit without the approval of the Nunavut Water Board.
4. The Hamlet exceeded their licence limits by 16,000 cubic metres last year. As the circumstances surrounding the elevated levels of water consumption were foreseen, it is important for future reference that if it appears that water consumption levels are to be above licence limits that the Hamlet contact the Nunavut Water Board to receive permission for this.

.../2

5. Please note the requirement of Part H, Item 1 of the Licence that an Operation and Maintenance Plan must be submitted to the Nunavut Water Board prior to January 1, 1997. Enclosed is a copy of a previously approved plan which may assist you in the preparation of this plan.
6. In post-inspection discussion with Mr. Ralph Alexander, A/SAO, the possibility of closing down the dump (and using the base dump) was mentioned. If the Hamlet's dump is closed, please note the requirement, under Part F, Item 1 for an Abandonment and Restoration Plan to be submitted to the Nunavut Water Board at least 6 months prior to the abandonment of the site. Also note that permission to use the dump at the base is conditional on receiving approval from Arctic Airports.
7. With respect to other concerns identified during the inspection, it was noted that SNP Station signs are still required at locations 1571-1, -2 and -3. Mr. Alexander is familiar with the locations. A warning sign is also required at the dump.
8. If you have any questions, please do not hesitate to contact me at the above address, or by phone at (819)979-4405.

Sincerely,



Paul Smith
Water Resources Officer
Nunavut District

- cc. - Nunavut Water Board, Gjoa Haven
- DPW, GNWT, Iqaluit (letter only)
- MACA, GNWT, Iqaluit
- Water Resources Division, DIAND, YK



MUNICIPAL WATER USE INSPECTION FORM

DATE: August 23 & 29, 1996 COMPANY REP.: John DeMello (DPW) / Rald Alexander (A/SAs)
LICENSEE: Hamlet of Resolute Bay LICENCE #: NAL3-1571

WATER SUPPLY

Source (s): Char Lake Quantity Used (to date): See note 1
Owner/Operator: DPW (estimate or actual)

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

Intake Facilities: A Storage Structure A Treatment Systems A Chem. Storage A
Flow Meas. Device Use note 1 Convey. Lines A Pumping Stations A

Comments: _____

WASTE DISPOSAL

Sewage Sewage Treatment System (primary, secondary or tertiary) dilution
Natural Water body ✓ Continuous Discharge (land or water) to ocean
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 Unknown Decant Structure N/A Erosion N/A
Disch. Meas. Dev. U. See note 1 Dyke Inspection N/A Seepages N/A
Dams, Dykes N/A Freeboard N/A Spills N/A
Construcion N/A O & M Plan None - see note 2 A & R Plan None - see note 3
Periods of Discharge: Continuous Effluent Discharge Rate: 2-4 l/s

Comments: _____

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) 1571-3
(DIAND) _____

Signs Posted: SNP Required @ 1571-1, -2, -3 Warning Required @ dump

Record & Reporting Annual Report submitted late

Geotechnical Inspection: _____

Non-Compliance of Act or Licence: Annual Report late; Lack of SNP station signs; lack of warning sign @ dump; exceeded permitted water use volumes in 1995 by 16,000 m³.

Page 2 attached Yes ✓ No _____

Licensee Representatives Title

Licensee Representatives Signature

Inspectors Name

Inspectors Signature



WATER USE INSPECTION REPORT (continued)

Date: August 22/29/96

Licence #: 1463-1571

General Comments: (Continued)

Note 1 Meters at the pumping station have not been working for the past 2 months. Plant is operated by DPW. Haulit has no way of monitoring their water consumption.

Note 2 An O&M plan for the dump is required by June 1/97.

Note 3 Ralph Alexander mentioned the possibility of closing the dump and using D&T's dump - this would require D&T's permission and the submission of an O&M plan at least 6 months prior to the actual abandonment.

General

Mr. Alexander and I collected a S&P Station 1571-J sample (sewage). Under this renewed licence, monthly summer samples are required to be collected. Mr. Alexander will be collecting future samples.

The licensee is reminded that the licence allows for a maximum of 65,000 m³/year water to be pumped from Char Lake. The licensee is advised to contact the Nunavut Water Board if it appears that this level will be exceeded.

Pam Smith

Water Inspector