



DIAND Nunavut District
Box 100
Iqaluit, NT
XOA OHO

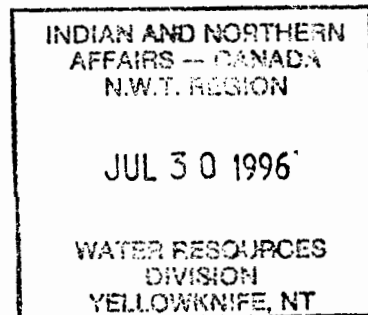
Your file Votre référence

Our file Notre référence

July 22, 1996

B9545-5-N5L4-1447

Mrs. Rita Mike
Senior Administrative Officer
Hamlet of Pangnirtung
Pangnirtung, NT
XOA ORO



Dear Mrs. Mike;

Water Licence Inspection - Water Licence N5L4-1447
Hamlet of Pangnirtung

1. Attached is the Inspection Report prepared as a result of the water licence inspection carried out on water licence N5L4-1447 held by the Hamlet of Pangnirtung.
2. Several concerns were identified during the inspection which require your attention:
 - a. The 1995 Annual Report has not been submitted. It was due March 1st and is now 5 months late;
 - b. SNP Station signs must be posted at SNP stations 1447-1, -2, -6 and -7. These locations are described in the water licence;
 - c. A warning sign is required at the Duval River truck fill site;
 - d. An Operations + Maintenance Plan is necessary for the efficient operation of the new dump site. This plan was originally due in 1991, but is now more relevant than ever.
3. An existing Operations + Maintenance plan is included and should be used, in conjunction with Part C, Item 7 of the water licence, as a guide to developing an O+M plan for the Hamlet's dump.
4. The various above noted concerns were discussed with Mr. Tim Dialla, Hamlet Foreman, who accompanied me during the inspection.

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5. Water samples from SNP Station 1447-7 were also collected. This is a sampling requirement that is the Hamlet's responsibilities (SNP, Part B, Item 1 of the water licence). This office will be providing Mr. Dialla the necessary sample bottles to meet these commitments.

6. Please also note that the Annual Report now has to be submitted to the Nunavut Water Board. Their address is;

Nunavut Water Board
Box 119
Gjoa Haven, NT
XOE IJO

7. If you have any questions relating to this inspection report, 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
- Water Resources Division, DIAND, YK



MUNICIPAL WATER USE INSPECTION FORM

DATE: July 16, 1996 COMPANY REP.: Tim Diella, Hamlet Foreman
LICENSEE: Hamlet of Pangnirtung LICENCE #: NSL4-1447

WATER SUPPLY

Source (s): Dual River/Reservoir Quantity Used (to date): 30-100 m³/day
Owner/Operator: DPW (GNWT) / Hamlet (estimate or actual)

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

Intake Facilities: A Storage Structure See note 1 Treatment Systems A Chem. Storage A
Flow Meas. Device See note 2 Convey. Lines A Pumping Stations A

Comments: _____

WASTE DISPOSAL

Sewage Sewage Treatment System (primary, secondary or tertiary) None - a Sewage pits.
Natural Water body _____ Continuous Discharge (land or water) to Ocean
Seasonal Discharge _____ Wetlands Treatment _____ Trench _____

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

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

Disch. Quality N/A Decant Structure U Erosion See note 5
Disch. Meas. Dev. N/A Dyke Inspection N/A Seepages See note 6
Dams, Dykes N/A Freeboard U Spills See note 7
Construction See note 3 O & M Plan See note 4 A & R Plan N/A
Periods of Discharge: Continuous Effluent Discharge Rate: Varies

Comments: _____

FUEL STORAGE

Owner: GNWT Operator _____ Condition of Tanks Good
Berms & Liners Yes Water within berm: Nil Evidence of Leaks: No
Drainage Pipes Yes Pump Station and Catchment Berm Good
Pipeline Condition OK Not Applicable: ✓

SURVEILLANCE NETWORK PROGRAM

Samples Collected: (Hamlet) 1447-7
(DIAND) 1447-1, -2, -3

Signs Posted: SNP None posted Warning Need to be placed @ Dual River

Record & Reporting Annual Report has not yet been submitted - now 5 months late.

Geotechnical Inspection: Not Applicable

Non-Compliance of Act or Licence: 1995 Annual Report has not been submitted. SNP Station Signs are not posted. A warning sign is required at the Dual River. No O & M plan is in place.

Page 2 attached Yes ✓ No _____

Hamlet Foreman
Licensee Representatives Title

N/A
Licensee Representatives Signature

Paul S. Smith
Inspectors Name

Paul S. Smith
Inspectors Signature



WATER USE INSPECTION REPORT (continued)

Date: July 16/96

Licence #: NSL4-1447

General Comments: (Continued)

Note 1 Water Reservoir is presently being drained so that it can be cleaned. Raw water will be accessed from the Duval River and will be treated with bleach.

Note 2 The problems/discrepancy noted last year with the flow meter at the truck fill station has not yet been fixed. Delivery records are considered more accurate.

Note 3 Construction has nearly been completed on the capping of the solid waste disposal site. A fence has also yet to be erected. The improvements in appearance are dramatic.

Separate areas will be used for scrap metal, domestic waste, hazardous materials, etc. Mr. Dialla expected that someone would be hired ^{for} ~~to~~ operating hours (whatever they will be).

An area for bagged sewage (5 houses remain on bagged sewage) and animal waste (from fish plant) is also present. ~~However a natural~~ This area is bermed, but has culverts through both upper and lower berms to allow the natural flow of water to be maintained. This is not the best set-up. This location will not allow for the burial of animal wastes/bagged sewage as this will cause flooding in the spring.

Note 4 A copy of an existing O & M plan is being provided to the Hamlet so that they may initiate work on their own O & M plan. As it is, the licensee was required to submit such a plan in 1991. With a new site being completed, it is particularly important that the licensee have a plan in place.

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Tamara Smith

Water Inspector



WATER USE INSPECTION REPORT (continued)

Date: July 19/96

Licence #: NSL 4 1447

General Comments: (Continued)

Note 5 There is significant ²soil erosion + slumping along the path of the current sewage discharge area.

Note 6 There are 2 areas along the down-slope side of the dump site where leachate is present on a year-to-year basis. A suitable location for S&P Station has been identified.

Note 7 A spill that occurred last year during the inspection and that the inspector requested that the Hauler Foreman report to the spill line (20-30 gal of fuel) was not reported.

The Hauler has collected the first set of samples @ S&P Station 1447-7 (leachate below dump). This office will provide the appropriate bottles + preservatives so that samples can also be collected for August + Sept.

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Ran Smith

Water Inspector