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DIAND Nunavut District
Box 100
Iqaluit, NT
XOA OHO

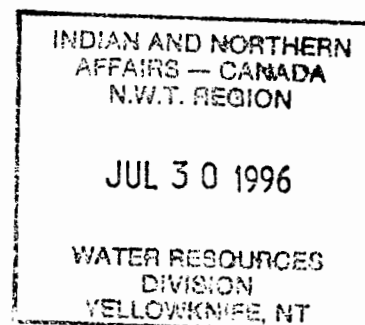
Your file Votre référence

Our file Notre référence

July 23, 1996

B9545-5-N4L4-0640

Mr. Don Pickle
Senior Administrative Officer
Hamlet of Broughton Island
Broughton Island, NT
XOA OBO



*0640
WF
MAC*

Dear Mr. Pickle;

Water Licence Inspection - Water Licence N4L4-0640
Hamlet of Broughton Island

1. Attached is the Inspection Report prepared as a result of the water licence inspection carried out on water licence N4L4-0640 held by the Hamlet of Broughton Island.
2. A couple of concerns were identified during the inspection which require your attention:
 - a. SNP Station signs must be posted at SNP stations 0640-1, -2, -6 and -7. These locations are described in the water licence;
 - b. As-built drawings are still required for the solid and sewage waste disposal facilities;
 - c. An Operations + Maintenance Plan is necessary for the efficient operation of the dump site. This plan was due on July 1, 1996.
3. An existing Operations + Maintenance plan is included and should be used, in conjunction with Part H, Item 1 of the water licence, as a guide to developing an O+M plan for the Hamlet's dump and sewage disposal facilities.
4. For future reference, it is a requirement under Part D, Item 4 of the water licence that the Inspector be notified at least 10 days prior to the sewage lagoon being decanted. Please advise this office when the discharge pipe has thawed and sewage is being decanted.

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5. A water sample is required from SNP Station 0640-6 (run-off from the sewage lagoon). 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. Kunilusi the sample bottles and preservatives necessary to meet these commitments. It will be the Hamlets responsibility to pay for any shipping and analytical costs.

6. 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 18, 1996 COMPANY REP: Hamlet of Hamlet
LICENSEE: Hamlet of Hamlet LICENCE #: 11464-0000

WATER SUPPLY

Source (s): Tulnuck River/Reservoir Quantity Used (to date): See note 1
Owner/Operator: Hamlet (DPW) (estimate or actual)

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

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

Comments: Reservoir is currently being drained, water will be cleaned to whatever extent possible. Raw water will be taken directly from the Tulnuck River. Of note - the pH was 7.31. In the past, it has been as low as 5.9.

WASTE DISPOSAL

Sewage Sewage Treatment System (primary, secondary or tertiary) Primary (365 day retention)
Natural Water body _____ Continuous Discharge (land or water) _____

Seasonal Discharge See note 1 Wetlands Treatment _____ Trench _____

Solid Waste: Owner/Operator: Hamlet (DPW)
Landfill _____ Burn & Landfill See note 1 Other _____

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

Disch. Quality See note 1 Decant Structure A Erosion See note 1
Disch. Meas. Dev. A Dyke Inspection N/A Seepages N/A
Dams, Dykes N/A Freeboard A Spills N/A
Construction N/A O & M Plan See note 2 A & R Plan See note 3

Periods of Discharge: Seasonal Effluent Discharge Rate: See note 1

Comments: This is the first inspection carried out under the renewed licence. Both the SAO & Hamlet Foreman were able to accompany the inspector.

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: Not Applicable

SURVEILLANCE NETWORK PROGRAM

Samples Collected: (Hamlet) See note 4
(DIAND) See note 4

Signs Posted: SNP Not posted Warning Not posted

Record & Reporting Annual report on date and in time

Geotechnical Inspection: _____

Non-Compliance of Act or Licence: See note 1
See note 1
See note 1

Page 2 attached Yes _____ No _____

Licensee Representatives Title

Inspectors Name

Licensee Representatives Signature

Inspectors Signature



WATER USE INSPECTION REPORT

(continued)

Date: July 13/96

Licence #: N4L4-0240

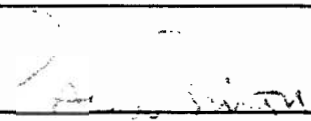
General Comments: (Continued)

Note 1 There is a low spot above the lagoon which allowed run-off water to flow into the lagoon. While there was an excess of lumber of logwood in the lagoon the Hamlet Foreman was going to put a dyke across this area to prevent this from happening again. Directed work will start between the lagoon and waste disposal site.

Note 2 An O+M plan was due within 6 months of the ~~renewal~~^{to} ~~renewal~~ ^{renewal} of this licence (due July 1/96). The licensee was not prepared this day. A copy of the ~~an~~^{an} existing O+M plan will be provided so that the licensee may use this as a basis to draft their own plan.

Note 3 While there is no A+B plan in place, the clean-up of the abandoned site waste disposal continued for the second winter in a row. Additional funding (from MACA) is available and the licensee will try to complete the work this year.

Note 4 The licensee is required to submit sampling on an annual basis from sewage effluent entering the lagoon decant. This office has agreed to provide the necessary sample bottles and preservation for the licensee to meet this requirement. The lagoon decant will begin as soon as the decant pipe has thawed. The licensee was reminded that 10 days notification is required. The licensee is also requested to notify the inspector when work is completed.


Water Inspector