



DIAND Nunavut District  
Box 100  
Iqaluit, NT  
XOA OHO

Your file    Votre référence

Our file    Notre référence

August 26, 1997

B9545-5-C21

RECEIVED  
SEP 09 1997

Mr. Louis Primeau  
Senior Administrative Officer  
Hamlet of Coral Harbour  
Coral Harbour, NT  
XOC OEO

Dear Mr. Primeau;

**Water Management Inspection - August 5, 1997**

1. Attached is a copy of the inspection report prepared as a result of the inspection carried out on August 5, 1997.
2. The main issue that requires to be addressed is the licensing of the Hamlet. This is a requirement of the *NWT Waters Act* and falls within the mandate of the Nunavut Water Board. A water licence application was provided to you and should be completed and returned to the Nunavut Water Board at your earliest convenience. Please note that since my inspection, the supplemental questionnaire is being reworked. For the present, I would suggest that the 2-page application be completed and submitted to the Board. If, after receiving your application, the Board requires additional information, the Hamlet will be contacted.
3. By copy of this letter, MACA, Rankin Inlet, is being advised that you may be requesting their assistance in completing this application.
4. In terms of the inspection itself, there are a few concerns that should be addressed:
  - ☐ the dump should be fenced to reduce that amount of wind blown garbage;
  - ☐ warning signs should be in-place at both the water supply and waste disposal facilities;

.../2

- a large amount of waste oil has accumulated on the property of Sudliq Developments Ltd. The material is stored in drums, but a number of oil stained areas were noted within the storage area. In addition, the storage area is located on a raise above a small pond and some drums have rolled towards the water. While it is not the direct responsibility of the Hamlet to deal with this material, the business practices of this company operating within the Hamlet poses an environmental risk that can be better managed.

5. At our meeting, concern was expressed to me that there was sewage effluent draining towards town via a series of small ponds. As a result, a water sample was collected at the small pond adjacent to the water reservoir. I have since learned that MACA, Rankin Inlet, conducted a study on this very issue with the results indicating that there were no health concerns. Results of the sample I collected will be forwarded to the Hamlet along with MACA and Public Health once they have been analysed.

6. Please contact this office if you have any questions that arise after having read this report.

Sincerely,



Paul Smith  
Water Resources Officer  
DIAND Nunavut District

cc.     - Nunavut Water Board, Gjoa Haven  
          - DIAND Water Resources, YK  
          - RMO, DIAND, Rankin Inlet  
          - MACA, Rankin Inlet (Don Forsyth)  
          - Public Health, Rankin Inlet (Leslie Moody)



## MUNICIPAL WATER USE INSPECTION FORM

DATE: August 5, 1997 COMPANY REP.: Louise Primeau  
LICENSEE: Hamlet of Coral Harbour LICENCE #: Unlicensed

### WATER SUPPLY

Source (s): Reservoir / Rest River Quantity Used (to date): 23,000 m<sup>3</sup>/year  
Owner/Operator: GNWT / Hamlet (estimate or actual)

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

Intake Facilities: A Storage Structure Note Treatment Systems A Chem. Storage A

Flow Meas. Device A Convey. Lines Not insp. Pumping Stations A

Comments: Rest River area not inspected. Reservoir is to be filled next week. SAO explained that reservoir is undersized & that there is a 2-year expansion program planned.

### WASTE DISPOSAL

Sewage Sewage Treatment System (primary, secondary or tertiary) to natural pond then overland  
Natural Water body flows through Continuous Discharge (land or water) to land  
Seasonal Discharge \_\_\_\_\_ Wetlands Treatment yes Trench \_\_\_\_\_

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

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

Disch. Quality Samples collected Decant Structure N/A Erosion A

Disch. Meas. Dev. N/A Dyke Inspection N/A Seepages N/A

Dams, Dykes N/A Freeboard N/A Spills N/A

Construction N/A O & M Plan None A & R Plan None

Periods of Discharge: Seasonal Effluent Discharge Rate: unknown

Comments: Some concern that sewage effluent is entering smaller lakes closer to town. One of these ponds was sampled for fecal coliform. This pond is adjacent to the water reservoir.

### 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 inspected

### WATER QUALITY MONITORING PROGRAM

Samples Collected: (Hamlet) N/R at sewage disp. area  
(DIAND) Reservoir, below dump, sewage effluent - potential downstream.

Signs Posted: SNP N/A Warning None @ reservoir or dump

Record & Reporting N/A

Geotechnical Inspection: N/A

Non-Compliance of Act or Licence: The Hamlet does not hold a water licence. A copy of an application form along with the supplemental questionnaire was provided to the SAG. The SAG was advised to contact the Inspector should there be any questions. Also advised the SAG to... Page 2 attached Yes ✓ No \_\_\_\_\_

SAO

Licensee Representatives Title

Not Available

Licensee Representatives Signature

Pam Smith

Inspector's Name

Pam Smith

Inspector's Signature



## WATER USE INSPECTION REPORT (continued)

Date: 5 August 1997 Hamlet of Coral Harbour Licence #: unlicensed

### General Comments: (Continued)

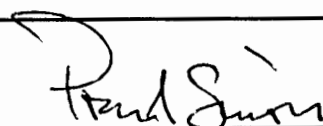
"I contact MACA (Don Forsyth) and/or the Board should assistance be required.

Along with the dump being fenced, other suggested improvements made related to having a hazardous materials area, an area for scrap wood, a pit for animal carcasses.

A designated area/pit is also required for bagged sewage. Six houses remain on bagged sewage which is disposed of with other refuse.

Warning signs are also required @ the water reservoir (which is fenced) and at the sewage and solid waste disposal sites.

A significant volume of waste oil (in drums) has been accumulated by one of the general contractors in town. The drums are on a slight rise above a small pond on the edge of town. Some drums were noted to be leaking. Actions should be taken now to prevent the inevitable accident ~~that will occur~~<sup>is</sup>. Appropriate measures would be to relocate the drums to a lined and bermed area while the material is burned in an approved waste oil furnace. While it is not the Hamlet's responsibility to physically carry out this work, it should be directing the general contractors to do so.



Water Inspector