



DIAND NWT Region  
Box 100  
Iqaluit, NT  
XOA OHO

October 27, 1994

Mrs. Marie Kringuk  
Senior Administrative Officer  
Hamlet of Hall Beach  
Hall Beach, NT  
XOA OKO

Your file    Votre référence

Our file    Notre référence

B9545-5-H6

Dear Mrs. Kringuk;

Re: Water Analysis Results; July 20, 1994 Inspection

1. Attached, for your information, are the results from the analysis of the water samples collected during my July 20, 1994 inspection.
2. The results indicate that the drinking water meets the Canadian Health and Welfare Drinking Water Guidelines for the parameters tested for.
3. Please also find attached a bilingual (Inuktitut / English) information package that will explain the various parameters that were tested for.
4. Also enclosed for your information is a copy of the Canadian Health and Welfare Guidelines.
5. If you have any questions, please do not hesitate to contact this office.

Sincerely,

Paul Smith  
Water Resources Officer  
Nunavut District

- cc. - Water Resources, YK (B. Collins)  
- Public Health, BRHB (D. Paradis)  
- MACA, Iqaluit (R. Armstrong)

II AN & NORTHERN AFFAIRS  
WATER RESOURCES LABORATORY  
Box 1500  
Yellowknife, NT. X1A 2R3  
Tel. (403) 920-8129  
Fax. (403) 873-9300

To: Water Resources  
Water Resources\NAP  
Baffin District Office  
Box 100  
==> Iqaluit NT X0A 0H0  
Paul Smith

SAMPLE INFORMATION

Our Lab # : 941326  
Your Sample ID: Baffin HB-01  
Sample Matrix : water

Account No.: Baffin

Collection:  
Location: Hall Beach Reservoir  
Date: 07/19/94  
By: PS

Report Date: 10/19/94

Approved by: J. G.

- SAMPLE ANALYSIS REPORT -

| Lab#   | Parameter          | Result Units | Detect Limit | Method Code |
|--------|--------------------|--------------|--------------|-------------|
| 941326 | Alkalinity         | 80.0 mg/L    | 0.300        | 10101       |
|        | Calcium            | 35.10 mg/L   | 0.040        | 20103       |
|        | T.Cadmium ICP-MS   | LO.1 ug/L    | 0.100        | 100133      |
|        | Chloride           | 17.60 mg/L   | 0.080        | 17206       |
|        | Colour             | L5 Colour    | 5.000        | 02021       |
|        | Conductivity       | 248.0 uS/cm  | 0.100        | 02041       |
|        | T.Cobalt ICP-MS    | LO.1 ug/L    | 0.100        | 27009       |
|        | T.Chromium ICP-MS  | 25.4 ug/L    | 0.200        | 24009       |
|        | T.Copper ICP-MS    | 0.6 ug/L     | 0.100        | 100119      |
|        | Fluoride           | 0.03 mg/L    | 0.030        | 09105       |
|        | Filt.Residue       | 139 mg/L     | 10.000       | 10451       |
|        | Tot.Hardness       | 111.0 mg/L   | 0.100        | 10602       |
|        | Potassium          | 1.32 mg/L    | 0.050        | 19106       |
|        | Magnesium          | 5.70 mg/L    | 0.010        | 12102       |
|        | T.Manganese ICP-MS | 0.6 ug/L     | 0.100        | 100113      |
|        | Sodium             | 10.80 mg/L   | 0.040        | 11102       |
|        | Non-Filt. Res.     | L3 mg/L      | 3.000        | 10406       |
|        | T.Nickel ICP-MS    | 0.4 ug/L     | 0.100        | 100117      |
|        | NO3-N+NO2-N        | LO.008 mg/L  | 0.008        | 07110       |
|        | T.Lead ICP-MS      | LO.2 ug/L    | 0.200        | 100145      |
|        | pH                 | 8.17 pH      | 0.050        | 10301       |
|        | T.Arsenic-Hyd.     | LO.3 ug/L    | 0.300        | 33011       |
|        | T. Iron            | 26 ug/L      | 3.000        | 26002       |
|        | T-Phosphorous      | 0.002 mg/L   | 0.002        | 15403       |
|        | Turbidity          | 0.9 NTU      | 0.100        | 02081       |
|        | T.Zinc ICP-MS      | 1.3 ug/L     | 0.500        | 100121      |

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To: Water Resources  
Water Resources\NAP  
Baffin District Office  
Box 100  
==> Iqaluit NT X0A 0H0  
Paul Smith

SAMPLE INFORMATION

Our Lab # : 941327  
Your Sample ID: Baffin HB-02  
Sample Matrix : water

Account No.: Baffin

Collection:  
Location: Hall Beach Hotel  
Date: 07/19/94  
By: PS

Report Date: 10/19/94

Approved by: J. G.

- SAMPLE ANALYSIS REPORT -

| Lab#   | Parameter          | Result Units | Detect Limit | Method Code |
|--------|--------------------|--------------|--------------|-------------|
| 941327 | Alkalinity         | 80.1 mg/L    | 0.300        | 10101       |
|        | Calcium            | 34.30 mg/L   | 0.040        | 20103       |
|        | T.Cadmium ICP-MS   | LO.1 ug/L    | 0.100        | 100133      |
|        | Chloride           | 19.50 mg/L   | 0.080        | 17206       |
|        | Colour             | L5 Colour    | 5.000        | 02021       |
|        | Conductivity       | 254.8 uS/cm  | 0.100        | 02041       |
|        | T.Cobalt ICP-MS    | LO.1 ug/L    | 0.100        | 27009       |
|        | T.Chromium ICP-MS  | 1.9 ug/L     | 0.200        | 24009       |
|        | T.Copper ICP-MS    | 34.7 ug/L    | 0.100        | 100119      |
|        | Fluoride           | 0.03 mg/L    | 0.030        | 09105       |
|        | Filt.Residue       | 137 mg/L     | 10.000       | 10451       |
|        | Tot.Hardness       | 109.0 mg/L   | 0.100        | 10602       |
|        | Potassium          | 1.25 mg/L    | 0.050        | 19106       |
|        | Magnesium          | 5.70 mg/L    | 0.010        | 12102       |
|        | T.Manganese ICP-MS | 0.9 ug/L     | 0.100        | 100113      |
|        | Sodium             | 11.80 mg/L   | 0.040        | 11102       |
|        | Non-Filt. Res.     | L3 mg/L      | 3.000        | 10406       |
|        | T.Nickel ICP-MS    | 0.3 ug/L     | 0.100        | 100117      |
|        | NO3-N+NO2-N        | LO.008 mg/L  | 0.008        | 07110       |
|        | T.Lead ICP-MS      | 1.2 ug/L     | 0.200        | 100145      |
|        | pH                 | 8.16 pH      | 0.050        | 10301       |
|        | T.Arsenic-Hyd.     | LO.3 ug/L    | 0.300        | 33011       |
|        | T. Iron            | 32 ug/L      | 3.000        | 26002       |
|        | T-Phosphorous      | 0.006 mg/L   | 0.002        | 15403       |
|        | Turbidity          | 1.1 NTU      | 0.100        | 02081       |
|        | T.Zinc ICP-MS      | 6.4 ug/L     | 0.500        | 100121      |