



DIAND Nunavut District
Box 100
Iqaluit, NT
XOA OHO

November 20, 1995

COPY

Our file / Notre référence

B9545-5-N4L4-0571

Mrs. Nicole Tessier
Senior Administrative Officer
Hamlet of Igloolik
Igloolik, NT
XOA OLO

Dear Mrs. Tessier,

Analytical Results from August 1st, 1995 Inspection.

1. Enclosed are analytical results for water samples collected during the inspection. These samples were collected from the water reservoir, East Lake and sewage effluent from the lagoon.
2. The results indicate that the Reservoir (drinking water) meets the Canadian Health and Welfare Drinking Water Guidelines for the parameters tested for.
3. Enclosed for your information is material that will explain the various parameters tested as well as the Canadian Health and Welfare guidelines.
4. Please do not hesitate to contact this office if you have any questions regarding these results.

Sincerely,

for

Dan Elliott
A/District Manager
DIAND Nunavut District

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

Canada

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

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

RECEIVED

SEP 6 1995

D.I.A.N.D.

11 IQALUIT, NT

SAMPLE INFORMATION

Our Lab # : 950781
Your Sample ID: 0571-2
Sample Matrix : grab water

Account No.: Baffin

N44-0571

Collection:
Location: Igloolik, Reservoir
Date: 08/01/95
By: PS

Report Date: 08/22/95

Approved by: J. G.

- SAMPLE ANALYSIS REPORT -

Lab#	Parameter	Result Units	Detect Limit	Method Code
950781	Alkalinity	73.1 mg/L	0.300	10101
	Calcium	21.60 mg/L	0.040	20103
	T.Cadmium ICP-MS	LO.1 ug/L	0.100	100133
	Chloride	50.40 mg/L	0.080	17206
	Colour	5 Colour	5.000	02021
	T.Cobalt ICP-MS	0.1 ug/L	0.100	100115
	T.Chromium ICP-MS	1.0 ug/L	0.200	100111
	T.Copper ICP-MS	0.8 ug/L	0.100	100119
	Fluoride	0.45 mg/L	0.050	09105
	Filt.Residue	241 mg/L	10.000	10451
	Tot.Hardness	90.6 mg/L	0.100	10602
	Potassium	4.41 mg/L	0.050	19106
	Magnesium	8.93 mg/L	0.010	12102
	T.Manganese ICP-MS	0.7 ug/L	0.100	100113
	Sodium	36.95 mg/L	0.040	11102
	Non-Filt_Res.	4 mg/L	3.000	10406
	T.Nickel ICP-MS	0.7 ug/L	0.100	100117
	T.Lead ICP-MS	LO.2 ug/L	0.200	100145
	pH	8.15 pH	0.050	10301
	T.Arsenic-Hyd.	LO.3 ug/L	0.300	33011
	T.Iron	N/A ug/L	20.000	26004
	T.Iron	20 ug/L	3.000	26002
	Turbidity	1.0 NTU	0.100	02081
	T.Zinc ICP-MS	1.1 ug/L	0.500	100121

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AUG 23 1995

WATER RESOURCES DIVISION
YELLOWKNIFE, NT

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SAMPLE INFORMATION

Our Lab # : 950782
Your Sample ID: MBC-Igloolik
Sample Matrix : grab water

Account No.: Baffin

Collection:
Location: Igloolik, East L
Date: 08/01/95
By: PS

Report Date: 08/22/95

Approved by: J. G.

- SAMPLE ANALYSIS REPORT -

Lab#	Parameter	Result Units	Detect Limit	Method Code
950782	Alkalinity	66.1 mg/L	0.300	10101
	Calcium	16.40 mg/L	0.040	20103
	T.Cadmium ICP-MS	LO.1 ug/L	0.100	100133
	Chloride	12.30 mg/L	0.080	17206
	Colour	5 Colour	5.000	02021
	T.Cobalt ICP-MS	0.1 ug/L	0.100	100115
	T.Chromium ICP-MS	0.9 ug/L	0.200	100111
	T.Copper ICP-MS	LO.1 ug/L	0.100	100119
	Fluoride	0.05 mg/L	0.050	09105
	Filt.Residue	100 mg/L	10.000	10451
	Tot.Hardness	67.8 mg/L	0.100	10602
	Potassium	0.55 mg/L	0.050	19106
	Magnesium	6.53 mg/L	0.010	12102
	T.Manganese ICP-MS	2.5 ug/L	0.100	100113
	Sodium	6.68 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
	T.Lead ICP-MS	LO.2 ug/L	0.200	100145
	pH	8.01 pH	0.050	10301
	T.Arsenic-Hyd.	LO.3 ug/L	0.300	33011
	T.Iron	N/A ug/L	20.000	26004
	T.Iron	15 ug/L	3.000	26002
	T.Mercury-C/V	to follow ug/L	0.020	80011
	Turbidity	0.4 NTU	0.100	02081
	T.Zinc ICP-MS	1.0 ug/L	0.500	100121

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SAMPLE INFORMATION

Our Lab # : 950783
Your Sample ID: 0571-7
Sample Matrix : sewage

Account No.: Baffin

Collection:
Location: Igloolik
Date: 08/01/95
By: PS

Report Date: 08/22/95

Approved by: 7.6

- SAMPLE ANALYSIS REPORT -

Lab#	Parameter	Result Units	Detect Limit	Method Code
950783	Filt. Residue	647 mg/L	10.000	10451
	Non-Filt Res.	7 mg/L	3.000	10406
	Ammonia-N	39.200 mg/L	0.002	07562
	Turbidity	1.7 NTU	0.100	02081

