



Indian and
Northern Affairs

Affaires indiennes
et du Nord

Department of Indian &
Northern Affairs
Northern Operations Branch

JAN 27 1982

WATER MANAGEMENT
YELLOWKNIFE, N.W.T.

DIAND
P.O. Box 100
Frobisher Bay, N.W.T.
XOA OHO

9

January 18, 1982

Your file Votre référence

Our file Notre référence

B9590-1

Mr. Brad Colpitts
Environmental Health Officer
National Health & Welfare
Frobisher Bay General Hospital
Frobisher Bay, N.W.T.

file each place

Dear Brad;

Re: Results of Analysis on Community Water Supplies

N.B

R.L

W. Board

Attached are the results of analysis on various
Communities' water supplies from the past year.
The communities include:

file

Grise Fiord	May 7, 1981	4571-1-26
Lake Harbour	July 22, 1981	- 1-34
Hall Beach	August 7, 1981	- 1-27
Cape Dorset	September 10, 1981	- 1-27
Sanikiluaq	September 15, 1981	- 1-47
Frobisher Bay	November 2, 1981	- 0057
Frobisher Bay	November 9, 1981	

The November 2 Frobisher Bay sample was taken at
the same time that samples were collected for PCB
analysis.

Also available are results on analysis performed on
six DEW Stations in the Baffin District.

If you have any questions or comments, please contact
me.

Yours sincerely

Peter Bannon

Peter Bannon
Water Resources officer
Baffin

cc. N. Bryant

FIELD SAMPLING AND DATA

LICENSEE	LICENCE NO.	LOCATION
DATE SAMPLED 10 Sept 81	SAMPLED BY E. Del Deegan	Cape Dorset Water Supply

SAMPLE COLLECTION	ANALYSIS REQUIRED	VOLUME TO BE COLLECTED	PRESERVATIVE TO BE USED	STATION NUMBER					
				#1					
				BOTTLE NUMBER					
MISC. & ARSENIC	2 LITRES	NONE	FB-067-81						
HEAVY METALS	1 LITRE	2ml HNO ₃	068						
CYANIDE	1 LITRE	2ml 50% NaOH Soln.							
MERCURY	250 ML	2ml HNO ₃ + 2ml 5% K ₂ Cr ₂ O ₇ Soln.	069						

FIELD OBSERVATION	Time of Day	1750					
	Wind Velocity						
	Wind Direction						
	Air Temperature						
	Barometric Pressure						
	Water Level						
	Rate of Flow						
	Ice Thickness						
	Depth of Sampling						

FIELD ANALYSIS	pH						
	Sp. Conductance	150					
	Dissolved O ₂						
	Turbidity						
	Water Temperature	45°C					

#1 - summer water supply