



**Baffin Regional Hospital**

**ENVIRONMENTAL HEALTH**

December 21, 1987.

Chuck Gilhuly,  
Secretary Manager,  
Hamlet Office,  
Cape Dorset, Northwest Territories.  
XOA OCO

**RECEIVED**

DEC 29 1987  
Indian & Northern Affairs  
Canada  
/ IQUALUIT, N.W.T.

Dear Mr. Gilhuly:

Re: Chemical Water Analysis - August 1987

The following list is the result of a chemical water sample taken from the Cape Dorset Nursing Station:

<u>Chemical Parametre</u>	<u>Maximum Acceptable Limit</u>	<u>Cape Dorset Drinking Water Supply</u>
PH	6.5-8.5	6.83
Conductivity (umho/cm)	1200	50.0
Turbidity (TCU)	5	1.8
Colour (NTU)	15	<5
Alkalinity (as CaCO <sub>3</sub> )	500	1
Hardness (as CaCO <sub>3</sub> )	500	12
Fluoride	1.5	<0.05
Chloride	250	5.71
Nitrite	1	<0.02
Nitrate	10	<0.03
Sulphate	500	1.81
Calcium	200	2.10
Magnesium	150	.720
Sodium	20	4.03
Potassium	1000	<0.01
Iron	0.3	0.06
Manganese	0.05	<0.01

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The Cape Dorset water supply is within the chemical parameter set by the Guidelines for Canadian Drinking Water Quality.

I apologize for the delay, the results were received by this department only two weeks ago.

Yours truly,

*Sandra Green*

Sandra Green, Health Officer

cc: Michael Ladoucer, Nurse In Charge, Cape Dorset  
Health Committee, Cape Dorset  
Government Liaison Officer, Cape Dorset  
DIAND, Iqaluit ✓

Tim Smyth, Dept. of Public Works, Iqaluit

Rick Douglas, Municipal & Community Affairs, Iqaluit

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Department of Indian &  
Northern Affairs  
Northern Branch

JAN 5 1988

YELLOWKNIFE, N.W.T.

*copy to XOA water samples*