



Indian and
Northern Affairs

Affaires indiennes
et du Nord

Northern Affairs Program
P.O. Box 100
Iqaluit, NWT
XOA OHO

December 23, 1992

Mr. Chuck Gilhuly
Senior Administrative Officer
Hamlet of Cape Dorset
Cape Dorset, NWT
XOA OCO

Your file Votre référence

Our file Notre référence

B9545-5-C15

Dear Mr. Gilhuly;

Re: Water Management
Hamlet of Cape Dorset, NWT
Water Sampling Results

1. The results of the water samples taken this past summer have been received by this office and a copy is being forwarded to you at this time.
2. The results are all within the Guidelines for Canadian Drinking Water Quality.
3. Please feel free to contact our District Office if you have any questions or comments about these results.

Sincerely,

Paul Smith
Water Resources Officer
Baffin District

cc: Municipal Co-ordinator
Water Resources
DIAND NAP/NWT Region

Pat Brooks, Public Health
Iqaluit

Rick Armstrong
MACA, Iqaluit



Recycled paper.
Conserve energy.
The future depends on it.

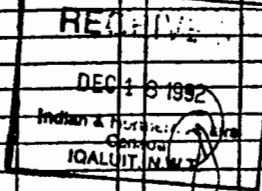
Papier recyclé.
Économisons l'énergie.
L'avenir en dépend.

912

RESULTS OF LABORATORY ANALYSIS

22/12

LICENSEE/ PROJECT		LICENCE NUMBER		LOCATION	
Hamlet of Cape Dorset		N/A		Cape Dorset, NT	
DATE SAMPLED		DATE RECEIVED		DATE COMPLETED	
1 Sept 92		Sept 15/92		Nov. 23/92	
STATION NUMBER	Misc - CD-01	Misc - CD-02	Misc - CD-03	Misc - CD-04	Misc - CD-06
LABORATORY NUMBER	92004	921005	921006	921007	921008
ANALYSIS REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
pH (units)	✓ 6.83	✓ 6.92	✓ 7.13	✓ 7.47	✓ 7.31
Conductivity (µmho/cm)	✓ 35	✓ 33	✓ 52	✓ 1350	✓ 1330
Dissolved Oxygen	✓	✓	✓	✓	✓
Turbidity (NTU)	✓ 1.3	✓ 1.3	✓ 2.2	✓ 32	✓ 32.5
Colour (colour U.)	✓ 45	✓ 45	✓ 45	✓ 250	✓ 125
Suspended Solids	✓ 13	✓ 13	✓ 13	✓ 56	✓ 52
TDS, Residue	✓ 25	✓ 30	✓ 36	✓ 812	✓ 800
Calcium		✓ 2.0			
Magnesium		✓ 0.6			
Tot. Hardness (CaCO ₃)		✓ 7			
Tot. Alkalinity (CaCO ₃)		✓ 5			
Sodium		✓ 3.4			
Potassium		✓ 0.3			
Chloride		✓ 5.9			
Sulphate		✓ 4.2			
Total Coliform (count/100)					
Fecal Coli.					
Fecal Strep.					
Std. Plate Cnt. (cnt/ml)					
BOD ₅					
COD					
Carbon, IC					
Carbon, TOC					
Ammonia Nitrogen (as N)	✓ 0.04	✓ 0.04	✓ 0.04	✓ 0.04	✓
Nitrate + Nitrite (as N)					
Total Kjeldahl N					
Phosphorus O-P (as P)	✓ 0.005	✓ 0.005	✓ 0.005	✓ 0.66	✓ 0.03
Phosphorus Tot (P)					
Silica Reac. (as SiO ₂)					
Total Cyanide	✓ 0.005	✓ 0.005			
Available Cyanide (WAS)					
Sulphide					
Oil & Grease					
Phenols					
Arsenic	T (µg/L) ✓ 0.5	✓ 0.5			
	D (µg/L)				
Cadmium	T (µg/L) ✓ 0.2	✓ 0.2			
	D (µg/L)				
Copper	T (µg/L) ✓ 2	✓ 1			
	D (µg/L)				
Iron	T (µg/L) ✓ 134	✓ 16			
	D (µg/L)				
Lead	T (µg/L) ✓ 2	✓ 1			
	D (µg/L)				
Mercury	T (µg/L) ✓ 0.244	✓ 0.419			
	D (µg/L)				
Nickel	T (µg/L) ✓ 1	✓ 1			
	D (µg/L)				
Zinc	T (µg/L) ✓ 510	✓ 1			
	D (µg/L)				
Chromium	T (µg/L) ✓ 1	✓ 1			
	D (µg/L)				



Results are expressed in µg/L, except as indicated. T and D refer to Total & Dissolved Metals.