Northern Affairs Program P.O. Box 100 Frobisher Bay, N.W.T. XOA OHO

December, 18, 1984

Secretary Manager Cape Dorset, N.W.T.

Your file Votre référence

Our file Notre réference

B9546-11

Results of Laboratory Analysis of Cape Dorset Water Supply - 24 August 1984

Attached is a copy of the above noted results. Samples were taken from the Tee Lake and the Old Water Lake on 24 August 1984. Based on the parameters measured the water quality is of acceptable value (all parameters were found to be well below the object concentration).

If you have any questions or comments please contact our office at 979-6369.

Yours traly

A.M.A. Theriault District Manager Baffin District

cc. AMARIEMENT COTAND YK!

T. Smyth (GNWT)

B. Kelso (HWC)

DEC 2 8 1985

no attachments

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| District Frobisher | Manager Bay District | | SECURITY - CLASSIFICATION - DE SÉCURITE OUR FILE - N / RÉFÉRENCE Hamlet of Cape Dorset |
| Inland Wa | l Municipal Coordinator ters Section | . – | YOUR FILE - V/RÉFÉRENCE DATE December 3, 1984 |
| | District Frobisher Northern Rod Lemon A/Regiona Inland Wa | | District Manager Frobisher Bay District Northern Affairs Program Rod Lemon A/Regional Municipal Coordinator Inland Waters Section |

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SUBJECT HAMLET OF CAPE DORSET Water Quality Analysis (August 24, 1984)

> The above mentioned water quality analysis have been reviewed and all parameters were found to be well below the object concentration. If you have questions regarding these results or any others please call me at 920 - 8149.

> > Rod Lemon A/Regional Municipal Coordinator Inland Waters Section

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c.c. R. H. Kury

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Medical Services I fin Zone Eag 300 Frobisher Eay, N.W.T. XOA 0H0

November 21, 1984

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Our hier from exterence

Mr. Charlie Manning Secretary Manager Hamlet of Cape Dorset Cape Dorset, N.W.T. X0A 0C0

Dear Sir,

This letter will confirm with council the inspections made from October 17 to 20, 1984 of the community facilities and services, as governed by regulations under the Territorial Public Health Ordinance. The following items were recorded:

1. Public Water Supply

The water supply is not being chlorinated. Water obtained from a surface lake must be chlorinated. Chlorination will kill any bacteria present in the water that may cause illness in your community. Harmful bacteria could enter the water at your lake or as it is being handled and delivered to the people.

In speaking with Mr. Naudla Oshweetok, he said that the Department of Public Works was to chlorinate the 20,000 gallon storage tank as they filled it.

However, Public Works indicated they are not doing this, nor do they have the equipment or chemical to do it.

It is my understanding that the Hamlet is responsible for seeing that the water is chlorinated and tested for chlorine levels. Your water truck drivers are to be instructed to add "Javex" (5% chlorine) to the water truck tank prior to filling it. Approximately two (2) ounces of Javex should be added per 1000 gallons of vater.

The Hamlet is also required to have a chloring test bit. This will help you to ensure that you are not putting in too much or too little chloring (Javew). I would recommend that you obtain a HACH DUAL FANCE CHIRINE TEST KIT, model CN-TI for Free and Total Chlorine, order catalogue number 14542-00. The approximate cost of this test kit is \$50.00. You could order one from: HACH

P.O. Box 433 Station "A" Serviceroupt, Cotaul CLD 503

The various areas for the disposal of household garbage, liquid sewage, honey-bags and metallic wastes were well defined, separated and maintained. Keep up the good work at your disposal site.

3. Community Hall

The general cleanliness of the hall, kitchen and washrooms was good. It was noted that there was no soap or paper hand toweling provided at the washroom handbasins. Please ensure that these supplies are in place whenever the hall is in use.

Lockable gates are to be installed in the ladies and men's washrooms on the toilet stalls. The purpose is to ensure privacy when using the toilets.

The top of the fibreglass water storage tank was cracked. It is to be repaired to ensure that no contamination enters the tank.

4. Community Freezer

Better storage of meats and other foods is needed:

- a) pieces of caribou meat and fish should not be left lying on the floor as they could be contaminated with dirt or other substances;
- b) private meats should be kept well separated from commercially packaged meats and food;
- c) items such as caribou skins should not be stored in the freezer, in the event they have to be, they should be kept away from food items or properly wrapped;
- d) food and meats put in the freezer should be well wrapped in order to prevent contamination and to prevent freezer burn.

It is recommended that additional shelving be installed in the freezer so that fools can be stored up off the floor. Any shelving installed should be at least six inches off the floor to allow for cleaning of the floor under the shelving. Shelving raterial should be smooth, durable, impervious and rust resistant, so that it is easily cleanable and will not absorb substances such as blood.

Mant horis are available in the freezer. People should be encouraged to use them to have pieces of meaton rather than putting it on the floor.

5. Health Committee

I met with Annie M. Manning, vice-chairman of the Health Committee. Various items with discussed with the main items being water supplies and housing. Ms. Narring has agreed to take monthly water samples from various homes and public buildings and submit them to us for bacterial analysis. This will help identify any contamination which may exist in your public water supply system and in turn help prevent possible illness.

In requires to housing we discussed possible home which could use inspection. However, I was unable to make any inspections of them on this trip. On my next visit to your settlement I intend to begin inspections of the homes.

If you have any questions about the above items, please contact me at 979-6271. Thank you,

Brad Kelso Health Officer Baffin Zone

c.c. Hayden Trenholm
Sr. Municipal Affairs Officer
Dept. of Local Government
Frobisher Bay, N.W.T.
XOA 0H0

Annie M. Manning Vice-Chairman Health Committee Cape Dorset, N.W.T. XOA OCO

Hunters & Trappers Assoc. Cape Dorset, N.W.T. XOA OCO

√Andy Theriault
District Manager
DIAND
Frobisher Bay, N.W.T.

Pauline Wilson Nurse-In-Charge Cape Dorset, N.W.T. XOA 000