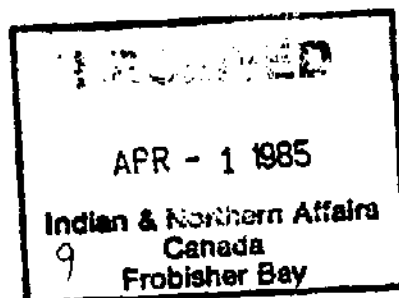




Medical Services
Bag 300
Frobisher Bay, N.W.T.
XOA OHO



Your file Votre référence

Our file Notre référence

0571

February 5, 1985

Secretary Manager
Hamlet of Igloolik
Igloolik, N.W.T.
XOA OHO

0571
BK
RL
file

Dear Council:

Listed below are the chemical analysis results of water samples collected from your community on Oct. 31, '84. In some instances results have also been obtained from possible alternate water supply sources. The recommended limits for each parameter is also given. An explanation of the parameters tested for is also attached.

<u>Chemical Parameter</u>	<u>Main Supply Level</u> (Main Source)	<u>Alternate Supply Level</u> (Alternate)	<u>Acceptable Limit</u>
Conductivity	392	387	1200 umho/cm
Hardness Total	132	126	200 mg/l
Calcium	35	33	200 mg/l
Magnesium	11	10.7	150 mg/l
Sodium	27	27	20 mg/l
Potassium	1.5	1.8	1000 mg/l
Alkalinity Total	120	119	30- 500 mg/l
pH	7.4	7.99	6.5 - 8.5
Fluoride	.31	.15	1.5 mg/l
Chloride	43	42	250 mg/l
Sulphate	15	16	500 mg/l
Turbidity	1.6	.42	5 NTU
Color	6.0	7.5	15 TCU
Iron	.17	.09	0.3 mg/l
Manganese	.005	.005	0.05 mg/l
Nitrates Total	.2	.05	10 mg/l
Nitrites	.005	.005	1.0 mg/l

COMMENTS:

All results are within recommended levels, except for the sodium level. Further information has been sent to the nursing station regarding sodium levels. See attached explanation for sodium.

If further information or clarification is required, please contact me at the above address or phone 979-6271.

Yours truly



Brad Kelso
Health Officer

cc: Nurse-In-Charge

Zone Director

Regional Environmental Health Officer

CHR

~~A.~~ Theriault, District Manager D.I.A.N.D.

H. Trenholm, Municipal Affairs, GNWT Local Government

T. Smyth, Municipal Engineer, GNWT Local Government

D. Turpin, Regional Engineer, GNWT DPW