



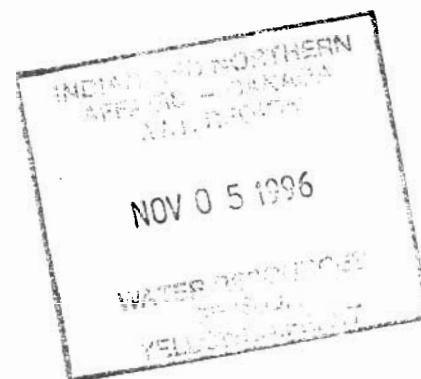
DIAND Nunavut District
Box 100
Iqaluit, NT
XOA OHO

Your file Votre référence

October 29, 1996

Our file Notre référence
B9545-5-N7L4-1526

Mr. Alvin Fell
A/Senior Administrative Officer
Hamlet of Kugluktuk
Kugluktuk, NT
XOE OEO



Dear Mr. Fell;

Re: Analytical Results - Water Samples collected on August 21, 1996

Ref: - Letter from Mike Collie, DIAND to you dated September 5, 1996.
- My letter to you dated October 10, 1996.

1. Enclosed are the analytical results from the water samples collected by Mike Collie on August 21, 1996 during the Water Licence Inspection.
2. The results for the parameters tested from the potable water supply (SNP station 1526-1) indicate that all are within the Health and Welfare Canada *Guidelines for Canadian Drinking Water Quality*.
3. The remaining results are for 3 sewage samples collected at the sewage discharge point, along the flow path and prior to entering the sea. It is apparent that there is a significant amount of treatment prior to the effluent entering Coronation Gulf.
4. Please also be aware that we have yet to receive any notification that the 1995 Annual Report required by the licence has been submitted (ref: October 10/96 letter). If this document has not yet been submitted, please ensure that it is done so at your earliest convenience.
5. If you have any questions, please do not hesitate to contact me at the above address or by phone at (819)-979-4405.

Sincerely,

Paul Smith
Water Resources Officer
Nunavut District

- cc. - Nunavut Water Board, Gjoa Haven
- Water Resources Division, DIAND, YK
- RMO, DIAND, Kugluktuk

DIAND & NORTHERN AFFAIRS
WATER RESOURCES LABORATORY
Box 1500
Yellowknife, NT. X1A 2R3
Tel. (403) 920-8129
Fax. (403) 873-9300

To: DIAND-Hamlet of Kugluktuk
DIAND - c/o Hamlet of Kugluktuk
Box 278
Kugluktuk NT X0E 0E0
==> Mike Collie

SAMPLE INFORMATION

Our Lab # : 961364
Your Sample ID: 1526-1
Sample Matrix : water

Collection:
-- Location: Kugluktuk
Date: 08/21/96
By: MC

Account No.: Kugluktuk

Report Date: 09/05/96

Approved by: W. C. Collie

RECEIVED
4 SEP 23 1996
D.I.A.N.D.
KUGLUKTUK, NT
1526-1

- SAMPLE ANALYSIS REPORT -

Lab#	Parameter	Result Units	Detect Limit	analdate	Method
961364	Calcium	5.14 mg/L	0.040	08/26/96	20103
	T.Cadmium ICP-M	LO.1 ug/L	0.100	08/27/96	100133
	Chloride	0.61 mg/L	0.080	08/29/96	17206
	Colour	L5 Colour	5.000	08/28/96	02021
	Conductivity	50.7 uS/cm	0.100	08/23/96	02041
	T.Cobalt ICP-MS	0.1 ug/L	0.100	08/27/96	100115
	T.Chromium ICP-	0.7 ug/L	0.200	08/27/96	100111
	T.Copper ICP-MS	1.0 ug/L	0.100	08/27/96	100119
	Fluoride	LO.05 mg/L	0.050	08/28/96	09105
	Filt.Residue	33 mg/L	10.000	08/23/96	10451
	Potassium	0.42 mg/L	0.050	08/27/96	19106
	Magnesium	2.15 mg/L	0.010	08/26/96	12102
	T.Manganese ICP	3.9 ug/L	0.100	08/27/96	100113
	Sodium	0.58 mg/L	0.040	08/27/96	11102
	Non Filt Residu	7 mg/L	3.000	08/23/96	10406
	T.Nickel ICP-MS	0.5 ug/L	0.100	08/27/96	100117
	Nitrate+Nitrite	0.021 mg/L	0.008	08/26/96	07110
	T.Lead ICP-MS	LO.2 ug/L	0.200	08/27/96	100145
	pH	7.61 pH	0.050	08/23/96	10301
	Sulphate	L3 mg/L	3.000	08/29/96	16306
	T.Arsenic (Hydri	LO.3 ug/L	0.300	08/29/96	33011
	T.Iron	100 ug/L	20.000	08/30/96	26004
	T.Mercury-C/V	LO.01 ug/L	0.010	08/27/96	80011
	T-Phosphorous	0.010 mg/L	0.002	08/27/96	15403
	Turbidity	5.0 NTU	0.100	08/28/96	02081
	T.Zinc ICP-MS	LO.5 ug/L	0.500	08/27/96	100121

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DIAND - c/o Hamlet of Kugluktuk
Box 278
Kugluktuk NT X0E 0E0
==> Mike Collie

SAMPLE INFORMATION

Our Lab # : 961365
Your Sample ID: 1526-2(a)
Sample Matrix : sewage

Account No.: Kugluktuk

Collection:
Location: Kugluktuk
Date: 08/21/96
By: MC

Report Date: 09/06/96

Approved by: W. Collie

- SAMPLE ANALYSIS REPORT -

Lab#	Parameter	Result Units	Detect Limit	analdate	Method
961365	Bio.Oxy.Demand	138 mg/L	2.000	08/23/96	08202
	Faecal Coliform	1100000 CFU/dL	1.000	08/22/96	36014
	Fecal Strep.	135000 CFU/dL	1.000	08/22/96	36105
	Tot.Coliforms	*G1100000 CFU/dL	1.000	08/22/96	36002

*G = GREATER THAN

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==> Mike Collie

SAMPLE INFORMATION

Our Lab # : 961366
Your Sample ID: 1526-2(b)
Sample Matrix : sewage

Account No.: Kugluktuk

Collection:
Location: Kugluktuk
Date: 08/21/96
By: MC

Report Date: 09/06/96

Approved by: W. Collie

- SAMPLE ANALYSIS REPORT -

Lab#	Parameter	Result Units	Detect Limit	analdate	Method
961366	Bio.Oxy.Demand	24 mg/L	2.000	08/23/96	08202
	Faecal Coliform	3000 CFU/dL	1.000	08/22/96	36014
	Fecal Strep.	3000 CFU/dL	1.000	08/22/96	36105
	Tot.Coliforms	103000 CFU/dL	1.000	08/22/96	36002

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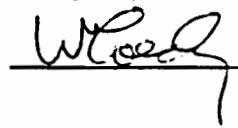
SAMPLE INFORMATION

Our Lab # : 961367
Your Sample ID: 1526-2(c)
Sample Matrix : sewage

Account No.: Kugluktuk

Collection:
Location: Kugluktuk
Date: 08/21/96
By: MC

Report Date: 09/06/96

Approved by: 

- SAMPLE ANALYSIS REPORT -

Lab#	Parameter	Result Units	Detect Limit	analdate	Method
961367	Bio.Oxy.Demand	18 mg/L	2.000	08/23/96	08202
	Faecal Coliform	30 CFU/dL	1.000	08/22/96	36014
	Fecal Strep.	L10 CFU/dL	1.000	08/22/96	36105
	Tot.Coliforms	130 CFU/dL	1.000	08/22/96	36002