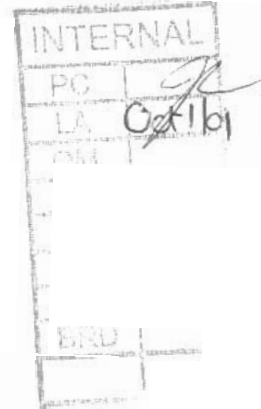




Hamlet of Gjoa Haven
Department of Housing & Public Works
Gjoa Haven, Nunavut
X0E 1J0
Ph. (867) 360-6927
Fax (867) 360-7009



Nunavut Water Board
General Delivery
Gjoa Haven Nu
XOB 1J0

September 27, 2001

RE: Water Sample Reports

Enclosed is the Certificate of analysis from August 07, 2001 for the following locations.

Raw Water GJO-1

Waste Run Off GJO-2

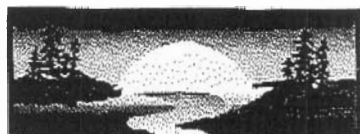
Sewage GJO-3

For more information on this please do not hesitate to call me.

Respectfully

Louie Kamookak Housing & Public Works Director Hamlet Of Gjoa Haven Nu.

cc. Philippe havalles, DIAND . FAX 867-979-6445



Taiga Environmental Laboratory
4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3

Tel: (867)-669-2788
Fax: (867)-669-2718

- CERTIFICATE OF ANALYSIS -

Prepared For: Hamlet of Gjoa Haven

Attn: Louie

Sample ID: raw water GJO-1

Taiga Sample ID: 211975

Client Project: NWB36J0993

Sample Type: water

Received Date: 07-Aug-01

Location: Gjoa Haven

Sampling Date:

Report Status: Final

Approved by:

Lab Section	Test Parameter	Result	Units	Detection Limit	Analysis Date
Major Ions	Calcium	20.7	mg/L	0.05	15-Aug-01
	Hardness as CaCO ₃	99.9	mg/L	0.17	15-Aug-01
	Magnesium	11.7	mg/L	0.02	15-Aug-01
	Potassium	1.65	mg/L	0.03	15-Aug-01
	Sodium	10.6	mg/L	0.02	15-Aug-01
	Sulphate	<3	mg/L	3	08-Aug-01
* Microbiology	Coliforms, Fecal	1	CFU/100mL	1	07-Aug-01
Nutrients	Ammonia as N	0.018	mg/L	0.005	22-Aug-01
	Biological Oxygen Demand	<2	mg/L	2	08-Aug-01
	Nitrate+Nitrite as N	0.054	mg/L	0.008	20-Aug-01
Physicals	Conductivity, Specific	250	µS/cm	0.3	07-Aug-01
	pH	8.09	pH units	0.05	07-Aug-01
	Solids, Total Suspended	6	mg/L	3	04-Sep-01

Report Date: September 7, 2001

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Tel: (867)-669-2788
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- CERTIFICATE OF ANALYSIS -

Prepared For: Hamlet of Ghoo Haven

Attn: Louie

Sample ID: raw water GJO-1

Taiga Sample ID: 211975

Total Metals	Cadmium	<0.3	µg/L	0.3	10-Aug-01
	Chromium	<3	µg/L	3	10-Aug-01
	Cobalt	<1	µg/L	1	10-Aug-01
	Copper	<2	µg/L	2	10-Aug-01
	Iron	60	µg/L	30	13-Aug-01
	Lead	<1	µg/L	1	10-Aug-01
	Manganese	<1	µg/L	1	21-Aug-01
	Nickel	<1	µg/L	1	10-Aug-01
	Zinc	<10	µg/L	10	10-Aug-01



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- CERTIFICATE OF ANALYSIS -

Prepared For: Hamlet of Gjoa Haven

Attn: Louie

Sample ID: runoff GJO-2

Taiga Sample ID: 211976

Client Project: NWB36J0993

Sample Type: water

Received Date: 07-Aug-01

Location: Gjoa Haven

Sampling Date:

Report Status: Final

Approved by:

Lab Section	Test Parameter	Result	Units	Detection Limit	Analysis Date
Major Ions	Calcium	333	mg/L	0.05	15-Aug-01
	Hardness as CaCO ₃	1040	mg/L	0.17	15-Aug-01
	Magnesium	51.0	mg/L	0.02	15-Aug-01
	Potassium	54.2	mg/L	0.03	15-Aug-01
	Sodium	179	mg/L	0.02	15-Aug-01
	Sulphate	<3	mg/L	3	08-Aug-01
Nutrients	Ammonia as N	28.4	mg/L	0.005	22-Aug-01
	Nitrate+Nitrite as N	0.023	mg/L	0.008	17-Aug-01
Organic	Oil and Grease (Visible)	non-visible			07-Sep-01
	Phenols	12.0	µg/L	0.5	22-Aug-01
Physicals	Conductivity, Specific	2680	µS/cm	0.3	07-Aug-01
	pH	7.47	pH units	0.05	07-Aug-01
	Solids, Total Suspended	209	mg/L	3	04-Sep-01
Total Metals	Arsenic	5.6	µg/L	1.0	14-Aug-01
	Cadmium	0.4	µg/L	0.3	10-Aug-01
	Chromium	4	µg/L	3	10-Aug-01
	Cobalt	3	µg/L	1	10-Aug-01

Report Date: Monday, September 24, 2001

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- CERTIFICATE OF ANALYSIS -

Prepared For: Hamlet of Ghoo Haven

Attn: Louie

Sample ID: runoff GJO-2

Taiga Sample ID: 211976

Total Metals	Copper	39	µg/L	2	10-Aug-01
	Iron	3150	µg/L	30	13-Aug-01
	Lead	14	µg/L	1	10-Aug-01
	Manganese	322	µg/L	1	21-Aug-01
	Mercury	<0.01	µg/L	0.01	13-Sep-01
	Nickel	17	µg/L	1	10-Aug-01
	Zinc	447	µg/L	10	10-Aug-01

Sample taken @ sewage lagoon near
discharge. $\approx$ 1 km from Ocean.



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- CERTIFICATE OF ANALYSIS -

Prepared For: Hamlet of Gjoa Haven

Attn: Louie

Sample ID: sewage GJO-3

Taiga Sample ID: 211977

Client Project: NWB36J0993

Sample Type: water

Received Date: 07-Aug-01

Location: Gjoa Haven

Sampling Date:

Report Status: Final

Approved by: 

Lab Section	Test Parameter	Result	Units	Detection Limit	Analysis Date
Major Ions	Calcium	32.4	mg/L	0.05	15-Aug-01
	Hardness as CaCO ₃	165	mg/L	0.17	15-Aug-01
	Magnesium	20.5	mg/L	0.02	15-Aug-01
	Potassium	34.9	mg/L	0.03	15-Aug-01
	Sodium	111	mg/L	0.02	15-Aug-01
	Sulphate	<3	mg/L	3	08-Aug-01
Microbiology	Coliforms, Fecal	20000	CFU/100mL	1	07-Aug-01
Nutrients	Ammonia as N	23.5	mg/L	0.005	22-Aug-01
	Biological Oxygen Demand	151	mg/L	2	08-Aug-01
	Nitrate+Nitrite as N	0.025	mg/L	0.008	17-Aug-01
Organic	Oil and Grease (Visible)	non-visible			07-Sep-01
	Phenols	1.3	µg/L	0.5	22-Aug-01
Physicals	Conductivity, Specific	983	µS/cm	0.3	07-Aug-01

Report Date: September 7, 2001

Page 1 of 2



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- CERTIFICATE OF ANALYSIS -

Prepared For: Hamlet of Ghoo Haven

Attn: Louie

Sample ID: sewage GJO-3

Taiga Sample ID: 211977

Physicals	pH	7.27	pH units	0.05	07-Aug-01
	Solids, Total Suspended	278 180	mg/L	3	04-Sep-01