



INAC, Nunavut District  
Box 100  
Iqaluit, NU  
X0A 0H0

July 6, 2000.

Robert Sheaves  
acting - Senior Administrative Officer  
Hamlet of Grise Fjord  
General Delivery  
Grise Fjord, NU X0A 0J0



CANADA REMEMBERS  
LE CANADA SE SOUVIENT

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Your file Votre référence

Our file Notre référence

B9545-5-G9

INTERNAL	
PC	
LA	
OM	
TA	
BS	
ED	
CEO	
BRD	
JUL 26/00	

Emergency discharge of the sewage lagoon - Sampling results

First of all, I wish to thank you and the Hamlet office for the goodwill you have shown in regards to the emergency discharge of the Hamlet's sewage lagoon. Indeed, sampling and even general awareness for that matter, would have proved all but impossible without your cooperation.

Attached are the analytical results of the samples that were collected during the discharge. While pH and Total Suspended Solids results are quite satisfactory, both the Biological Oxygen Demand and the Faecal Coliform concentrations are slightly elevated. However, the sewage discharge sampling point of most recent Municipal Water Licences is located along the runoff path, just prior to entering the ocean. Thus, taking into account the limited secondary treatment provided by the overland flow of the discharge between sewage lagoon and ocean, it is likely that the concentrations encountered at the final point of discharge would have been acceptable in terms of effluent quality standards.

Please feel free to contact me at (867) 975-4298 or [lavalleep@inac.gc.ca](mailto:lavalleep@inac.gc.ca) if any questions/comments arise.

Sincerely,

Philippe Lavallée  
Water Resources Officer  
INAC, Nunavut District

c.c. - Nunavut Water Board, Gjoa Haven  
- INAC Water Resources, Yellowknife  
- CG&T, Iqaluit (Doug Sitland)

**TAIGA ENVIRONMENTAL LABORATORY**

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To: NUNAVUT

Operations Directorate, DIAND

BOX 100

IQALUIT

X0A 0H0

Att'n: Phillipe

LAB# 201061

**SAMPLE INFORMATION**

Our Lab#: 201061

PROJECT: Grise Fiord

Your Sample ID: Frise Fiord sewage

Sample Matrix: sewage effl

**Collection:**

Location: Grise Fiord sewage

Date: 6/14/00

By: Phillipe

Received Date: 6/16/00

Report Date: 30-Jun-00

Approved By: **- SAMPLE ANALYSIS REPORT -**

Lab#	Test	Result	Units	Detection Limit	Analysis Date	Analytical Method
201061	pH	7.47	pH	0.05	6/23/2000	010301
	Tot-Suspended-Solids	91	mg/L	3	6/21/2000	EC10406
	Bio-Oxy-Demand	219	mg/L	2	6/18/2000	08208
	Faecal_Coliform	51000	CFU/dL	1	6/18/2000	036014