

RECEIVED

JAN 19 2004



D.I.A.N.O.
Iqaluit, NU

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: DIAND WR

Attn: Scott Stewart

Sample ID: potable BAK-1

Taiga Sample ID: 232652

Client Project:

Sample Type: sewage

Received Date: 12-Aug-03

Location: Hamlet of Baker Lake

Sampling Date: 08-Aug-03

Report Status: Final

Approved by:

Helene Harper

Test Parameter	Result	Units	Detection Limit	Analysis Date
<u>Physicals</u>				
Colour	<5		5	27-Aug-03
Conductivity, Specific	34.8	µS/cm	0.3	19-Aug-03
pH	7.10	pH units	0.05	19-Aug-03
Solids, Total Suspended	4	mg/L	3	20-Aug-03
<u>Nutrients</u>				
Ammonia as N	<0.005	mg/L	0.005	25-Aug-03
Nitrate+Nitrite as N	0.009	mg/L	0.008	21-Aug-03
Organic Carbon, Total	3.4	mg/L	0.2	10-Sep-03
<u>Major Ions</u>				
Calcium	3.17	mg/L	0.05	19-Aug-03
Magnesium	1.18	mg/L	0.02	19-Aug-03
Potassium	0.50	mg/L	0.03	20-Aug-03
Sodium	0.83	mg/L	0.02	20-Aug-03
Sulphate	<3	mg/L	3	20-Aug-03

Report Date: Friday, November 28, 2003

Page 1 of 2



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: DIAND WR

Attn: Scott Stewart

Sample ID: potable BAK-1

Taiga Sample ID: 232652

Metals, Total

Arsenic	<1	µg/L	1	18-Aug-03
Cadmium	<0.1	µg/L	0.1	18-Aug-03
Chromium	0.4	µg/L	0.3	18-Aug-03
Cobalt	0.1	µg/L	0.1	18-Aug-03
Copper	0.8	µg/L	0.2	18-Aug-03
Iron	90	µg/L	30	18-Aug-03
Lead	0.1	µg/L	0.1	18-Aug-03
Manganese	5.6	µg/L	0.1	18-Aug-03
Mercury	<0.01	µg/L	0.01	25-Aug-03
Nickel	2.8	µg/L	0.1	18-Aug-03
Zinc	<10	µg/L	10	18-Aug-03



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: DIAND WR

Attn: Scott Stewart

Sample ID: sewage BAK-2

Taiga Sample ID: 232653

Client Project:

Sample Type: sewage

Received Date: 12-Aug-03

Location: Hamlet of Baker Lake

Sampling Date: 08-Aug-03

Report Status: Final

Approved by: *Helen Taylor*

Test Parameter	Result	Units	Detection Limit	Analysis Date
<u>Physicals</u>				
Conductivity, Specific	130	µS/cm	0.3	19-Aug-03
pH	7.25	pH units	0.05	19-Aug-03
Solids, Total Suspended	4	mg/L	3	20-Aug-03
<u>Nutrients</u>				
Ammonia as N	0.027	mg/L	0.005	25-Aug-03
Chemical Oxygen Demand	40	mg/L	1	26-Aug-03
Nitrate+Nitrite as N	0.563	mg/L	0.008	21-Aug-03
Organic Carbon, Total	7.6	mg/L	0.2	10-Sep-03
<u>Major Ions</u>				
Calcium	12.6	mg/L	0.05	25-Aug-03
Magnesium	1.75	mg/L	0.02	25-Aug-03
Potassium	1.83	mg/L	0.03	20-Aug-03
Sodium	7.60	mg/L	0.02	20-Aug-03
Sulphate	12	mg/L	3	20-Aug-03



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: DIAND WR

Attn: Scott Stewart

Sample ID: sewage BAK-2

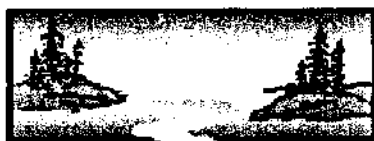
Taiga Sample ID: 232653

Metals, Total

Arsenic	1	µg/L	1	18-Aug-03
Cadmium	<0.1	µg/L	0.1	01-Dec-03
Chromium	<0.3	µg/L	0.3	01-Dec-03
Cobalt	0.4	µg/L	0.1	01-Dec-03
Copper	2.5	µg/L	0.2	01-Dec-03
Iron	1021	µg/L	30	18-Aug-03
Lead	0.2	µg/L	0.1	01-Dec-03
Manganese	62.4	µg/L	0.1	01-Dec-03
Mercury	<0.01	µg/L	0.01	25-Aug-03
Nickel	1.3	µg/L	0.1	01-Dec-03
Zinc	30	µg/L	10	01-Dec-03

Subcontracted Organics

Phenols	165	µg/L	0.5	21-Aug-03
---------	-----	------	-----	-----------



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: DIAND WR

Attn: Scott Stewart

Sample ID: seep BAK-3

Taiga Sample ID: 232654

Client Project:

Sample Type: sewage

Received Date: 12-Aug-03

Location: Hamlet of Baker Lake

Sampling Date: 08-Aug-03

Report Status: Final

Approved by:

Hilina Hayer

Test Parameter	Result	Units	Detection Limit	Analysis Date	Data Qualifier
Physicals					
Conductivity, Specific	66.9	µS/cm	0.3	19-Aug-03	
pH	7.08	pH units	0.05	19-Aug-03	
Solids, Total Suspended	<3	mg/L	3	20-Aug-03	
Nutrients					
Ammonia as N	0.113	mg/L	0.005	25-Aug-03	
Chemical Oxygen Demand	25	mg/L	1	26-Aug-03	
Nitrate+Nitrite as N	0.013	mg/L	0.008	21-Aug-03	
Organic Carbon, Total		mg/L			11
Major Ions					
Calcium	5.98	mg/L	0.05	19-Aug-03	
Magnesium	1.16	mg/L	0.02	19-Aug-03	
Potassium	0.85	mg/L	0.03	20-Aug-03	
Sodium	3.22	mg/L	0.02	20-Aug-03	
Sulphate	<3	mg/L	3	20-Aug-03	



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: DIAND WR

Attn: Scott Stewart

Sample ID: seep BAK-3

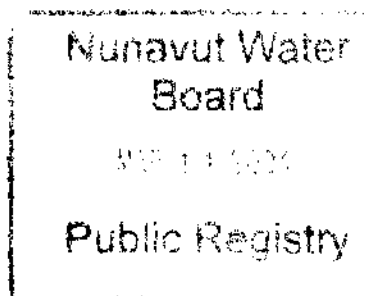
Taiga Sample ID: 232654

Metals, Total

Arsenic	2	µg/L	1	18-Aug-03
Cadmium	0.1	µg/L	0.1	18-Aug-03
Chromium	1.2	µg/L	0.3	18-Aug-03
Cobalt	0.2	µg/L	0.1	18-Aug-03
Copper	1.9	µg/L	0.2	18-Aug-03
Iron	291	µg/L	30	18-Aug-03
Lead	1.2	µg/L	0.1	18-Aug-03
Manganese	29.1	µg/L	0.1	18-Aug-03
Mercury	<0.01	µg/L	0.01	25-Aug-03
Nickel	1.5	µg/L	0.1	18-Aug-03
Zinc	15	µg/L	10	18-Aug-03

Data Qualifier Descriptions:

11 Holding time exceeded before sample analysis



INTERNAL	
PC	do
MA	
FO	
LA	copy
BS	
LT	
TAS	e-mail
TAL	
RC	
ED	
CH	
BRD	
EXT.	file

Report Date: Friday, November 28, 2003