

1998 Annual Report
Hamlet of Kimmirut

Part B: General Conditions:

- 3 a) Monthly and Annual quantities of fresh water obtained from Lake Fundo (in cubic metres).
3 b) Monthly and Annual quantities of all sewage waste discharged (in cubic metres).

Note: Table 1 also satisfies the requirements of SNP, Part C, Items 1 & 2.

Table 1

Month	Water Pumped (m ³)	Sewage Discharged (m ³)
January	594.77 m ³	594.77 m ³
February	591.68 m ³	591.68 m ³
March	596.57 m ³	596.57 m ³
April	565.49 m ³	565.49 m ³
May	1024.28 m ³	1024.28
June	1131.27 m ³	1131.27 m ³
July	1198.85 m ³	1198.85 m ³
August	1179.62 m ³	1179.62 m ³
September	1201.41 m ³	1201.41 m ³
October	1289.96 m ³	1289.96 m ³
November	1264.39 m ³	1264.39 m ³
December	1313.96 m ³	1313.96 m ³
Total	11,952.45 m ³	11,952.45 m ³

NUNAVUT WATER BOARD

APR 30 1999

PUBLIC REGISTRY

.../2

3 c) Summary of Modifications and/or major maintenance work carried out on all water supply/waste disposal facilities:

NONE DONE SINCE LAST REPORT ATTACHED
ARE COPIES NEW WASTE SITE WHICH MAY BE
PUT INTO THE NUNAVUT BUDGET FOR
THIS FISCAL YEAR.

3 d) Summary of abandonment and restoration work on water supply or waste disposal sites that have been abandoned:

THE ONLY CHANGE IN THE WATER SUPPLY FROM
LAST REPORT WAS A CHANGE IN THE OPERATION
OF PUMPHOUSE FROM A PUBLIC WORKS TO
HAMLET OPERATION.

3 f) List unauthorized discharges:

NONE RECORDED

3 g) Any other details on water use or waste disposal requested by the Board by November 1st of the year being reported:

NONE RECORDED.

TAIGA ENVIRONMENTAL LABORATORY
Dept. Indian Affairs & Northern Development
4601-52 nd Ave., Box 1500
Yellowknife, NT. X1A 2R3
Tel. (867) 669-2788
Fax: (867) 669-2718

To: KIMMERUT

P.O.Box 120

Kimnirut

NT X0A 0N0

Att'n:

LAB# 981423

SAMPLE INFORMATION

Our Lab#: 981423
Your Sample ID: Sewage
Sample Matrix: sewage

PROJECT: MUNI

Collection:

Location: sewage
Date: 8/25/1998
By: Ken S.

Received Date: Aug-28-1998

Report Date: 11-Sep-98

Approved By: _____

- SAMPLE ANALYSIS REPORT -

Lab#	Test	Result	Units	Detection Limit	Analysis Date	Analytical Method
981423						
	pH	7.69	pH	0.05	8/28/1998	010301
	Conductivity	1210	uS/cm	0.3	8/28/1998	02041
	Calcium	109	mg/L	0.05	8/31/1998	20103
	Magnesium	19.9	mg/L	0.010	8/31/1998	012102
	Sodium	87.2	mg/L	0.02	9/1/1998	011102
	Potassium	14.8	mg/L	0.020	9/1/1998	019106
	Sulphate	39	mg/L	3	9/2/1998	016306
	Tot-Suspended-Solids	34	mg/L	3	9/10/1998	grav
	Ammonia-N	22.4	mg/L	0.002	8/27/1998	007562
	T-Phosphorous	0.335	mg/L	0.002	9/9/1998	015406
	Phenols	< 2.00	ug/L	2.00	9/4/1998	006536
	Oil&Grease(extr'n)	not vis	mg/L	0.2	9/1/1998	006524
	Tot-Mercury(water)	LO.01	ug/L	0.01	8/31/1998	080314
	Tot-Arsenic(water)	0.3	ug/L	0.2	9/10/1998	hydride

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To: KIMMIRUT

P.O.Box 120

Kimmirut

NT X0A 0N0

Att'n:

LAB# 981423

Tot-Cadmium(ICP-MS)	LO.1	ug/L	0.1	9/2/1998	ICP-MS
Tot-Cobalt(ICP-MS)	6.1	ug/L	0.1	9/2/1998	ICP-MS
Tot-Chromium(ICP-MS)	L2	ug/L	2.0	9/2/1998	ICP-MS
Tot-Copper(ICP/MS)	11.4	ug/L	0.1	9/2/1998	ICP-MS
Tot-Iron(AA)	8.38	mg/L	0.020	9/1/1998	ICP-MS
Tot-Manganese(ICP-MS)	439	ug/L	0.1	9/2/1998	ICP-MS
Tot-Nickel(ICP-MS)	41.5	ug/L	0.1	9/2/1998	ICP-MS
Tot-Lead(ICP-MS)	4.7	ug/L	0.2	9/2/1998	ICP-MS
Tot-Zinc(ICP-MS)	35.9	ug/L	10.0	9/2/1998	ICP-MS

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To: HAMLET OF Kimmirut
 PO Box 120
 Kimmirut, NT.
 XQP-0N0

Att'n: KEN STEWART

LAB# 981207

SAMPLE INFORMATION

Our Lab#: 981207
 Your Sample ID: Sewage sample #1
 Sample Matrix:

PROJECT:

Collection:

Location: sewage
 Date: 7/28/1998
 By: K.S.

Received Date: 31-July-1998

Report Date: 17-Aug-98

Approved By: W. Wood

- SAMPLE ANALYSIS REPORT -

Lab#	Test	Result	Units	Detection Limit	Analysis Date	Analytical Method
981207	pH	7.86	pH	0.05	7/31/1998	010301
	Conductivity	1.4	mS/cm	0.3	7/31/1998	02041
	Calcium	118	mg/L	0.05	8/6/1998	20103
	Magnesium	26.4	mg/L	0.010	8/6/1998	012102
	Sodium	76.4	mg/L	0.02	8/6/1998	011102
	Potassium	19.2	mg/L	0.020	8/7/1998	019106
	Sulphate	167	mg/L	3	8/4/1998	016306
	Tot-Suspended-Solids	56	mg/L	3	7/31/1998	grav
	Ammonia-N	28.8	mg/L	0.002	8/5/1998	007562
	T-Phosphorous	0.156	mg/L	0.002	8/7/1998	015406
	Oil&Grease(extr'n)	1.0	mg/L	0.5	7/31/1998	006524
	Tot-Mercury(water)	LO.01	ug/L	0.01	8/12/1998	080314
	Tot-Arsenic(water)	LO.2	ug/L	0.2	8/11/1998	hydride
	Tot-Cadmium(ICP-MS)	0.4	ug/L	0.1	8/5/1998	ICP-MS

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To:

Att'n:

LAB# 981207

Tot-Cobalt(ICP-MS)	11.2	ug/L	0.1	8/5/1998	ICP-MS
Tot-Chromium(ICP-MS)	L2	ug/L	2.0	8/5/1998	ICP-MS
Tot-Copper(ICP/MS)	24.1	ug/L	0.1	8/5/1998	ICP-MS
Tot-Manganese(ICP-MS)	1180	ug/L	0.1	8/6/1998	ICP-MS
Tot-Iron(AA)	16.6	mg/L	0.020	8/7/1998	ICP-MS
Tot-Nickel(ICP-MS)	57.3	ug/L	0.1	8/5/1998	ICP-MS
Tot-Lead(ICP-MS)	9.1	ug/L	0.2	8/5/1998	ICP-MS
Tot-Zinc(ICP-MS)	274	ug/L	5.0	8/6/1998	ICP-MS