

Municipal Water Licence Annual Report

Hamlet of Aklavik

Licence # N3L3-0570

Reporting Year 2010

- 1: Water Usage: as per attached spreadsheet, there was an increase mostly during November and December as we were having issues with getting our ice in at the arena and curling rink and all due to weather and ice not being able to set in.**
- 2: Solid Waste and sewage deposited: same amount as water as what is taken in the same amount comes out.**
- 3: Hazardous waste storage and transportation: no monthly records have been kept
The Hamlet did not transport any hazardous material out of the community.**
- 4: During the 2010 year the new water treatment plant was in operations with no issues or problems to deal with. Onsite training has been provided by Corix.

During the 2010 year clean up at the solid waste site was continuous. The Hamlet passed a tipping fee by-law to have control of the large waste: ie: old housing units and this was done to have more control and also to ensure the life span of the site. Keeping the gates continues to be a problem but the Hamlet will be installing more secure gates and will monitor the large disposal items.**
- 5: Ongoing clean up and maintenance will be done and this is to increase the life span of the solid waste site. The Hamlet is looking at a new location for the solid waste site.**
- 6: Over the year the Hamlet received reports from ENR regarding spills that happened at different locations in the community. These spills were glycol leaks at the NTPC Plant and clean up was done accordingly to ENR guidelines. There were no major spills at our site. This item is still reported to the Hamlet accordingly.**
- 7: The Hamlet of Aklavik was finally able to locate their Municipal Solid Waste Operations and Maintenance Plan. The Hamlet will be reviewing the plan and updating during this year. The Hamlet is in the process of developing their Spill Plan for the community.**
- 8: No studies were requested**

9: The maintenance of the solid waste site is still a priority for the Hamlet and educating the residents on the Hamlets responsibility continues to be a challenge.

10: as per attached SNP reports

Hamlet of Aklavik

31/12/2010

MONTHLY WATER CONSUMPTION

Date	Residential	Commercial	Government	Total
Jan-10	1,126,206	181,295	1,324,878	2,632,379
Feb-10	1,014,734	158,970	1,215,563	2,389,267
Mar-10	1,046,011	153,174	1,313,549	2,512,734
Apr-10	1,085,536	136,322	1,284,778	2,506,636
May-10	1,019,874	132,858	1,215,819	2,368,551
Jun-10	973,927	231,022	1,112,693	2,317,642
Jul-10	1,050,864	187,955	1,294,857	2,533,676
Aug-10	1,341,364	231,041	1,538,660	3,111,065
Sep-10	987,640	158,381	1,225,173	2,371,194
Oct-10	1,213,598	179,742	1,388,985	2,782,325
Nov-10	1,131,809	418,312	1,331,809	2,881,930
Dec-10	1,355,952	205,507	1,543,300	3,104,759
TOTAL	13,347,515	2,374,579	15,790,064	31,512,158



Taiga Environmental Laboratory

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

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

Taiga Batch No.:

110018

- FINAL REPORT -

Prepared For: Hamlet of Aklavik

Address: P.O. Box 87
Aklavik, NT
X0E 0A0

Attn: Evelyn Storr

Facsimile: (867) 978-2555

Final report has been reviewed and approved by:



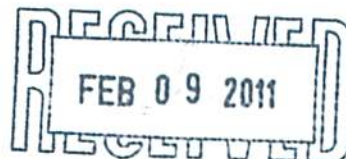
Helene Harper
Manager

NOTES:

- Test methods and data are validated by the laboratory's Quality Assurance Program. Taiga Environmental Laboratory is accredited by the Canadian Association for Laboratory Accreditation Inc. (CALA) as a testing laboratory for specific tests registered with CALA.
- Routine methods are based on recognized procedures from sources such as
 - Standard Methods for the Examination of Water and Wastewater APHA AWWA WEF;
 - Environment Canada
 - USEPA
- Samples shall be kept for thirty (30) days after the final report is issued. All microbiological samples shall be disposed of immediately upon completion of analysis to minimize biohazardous risks to laboratory personnel. Please contact the laboratory if you have any special requirements.
- Final results are based on the specific tests at the time of analysis and do not represent the conditions during sampling.

ReportDate: Tuesday, February 01, 2011

Print Date: Tuesday, February 01, 2011



THE UNITED STATES OF AMERICA
DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D. C. 20535

100-443887-100
100-443887-101
100-443887-102

TO : SAC, NEW YORK (100-443887)
FROM : SAC, PHOENIX (100-443887)
SUBJECT: [Illegible]

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Taiga Batch No.:
110018

- CERTIFICATE OF ANALYSIS -

Client Sample ID: Treated

Taiga Sample ID: 001

Client Project:

Sample Type: Potable
Received Date: 19-Jan-11
Sampling Date: 18-Jan-11
Sampling Time: 9:20

Location: Aklavik

Report Status: Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<u>Inorganics - Physicals</u>						
Alkalinity, Total (as CaCO ₃)	117	0.4	mg/L	19-Jan-11	SM2320:B	
Colour, True	< 5	5	TCU	19-Jan-11	SM2120:B	
pH	7.50		pH units	19-Jan-11	SM4500-H:B	
Solids, Total Dissolved	262	10	mg/L	25-Jan-11	SM2540:C	
Solids, Total Suspended	< 3	3	mg/L	25-Jan-11	SM2540:D	
Turbidity	0.16	0.05	NTU	19-Jan-11	SM2130:B	
<u>Inorganics - Nutrients</u>						
Organic Carbon, Dissolved	1.5	0.5	mg/L	20-Jan-11	SM5310:B	
Organic Carbon, Total	1.4	0.5	mg/L	20-Jan-11	SM5310:B	
<u>Major Ions</u>						
Chloride	7.5	0.7	mg/L	19-Jan-11	SM4110:B	
Hardness	219	0.7	mg/L	19-Jan-11	SM2340:B	
Nitrate as Nitrogen	0.23	0.01	mg/L	19-Jan-11	SM4110:B	
Sodium	8.4	0.1	mg/L	19-Jan-11	SM4110:B	

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Taiga Sample ID: **001**

Sulphate 113 1 mg/L 19-Jan-11 SM4110:B

Trace Metals, Total

Aluminum	59.5	0.6	µg/L	26-Jan-11	EPA200.8
Arsenic	< 0.2	0.2	µg/L	26-Jan-11	EPA200.8
Barium	61.1	0.1	µg/L	26-Jan-11	EPA200.8
Cadmium	< 0.05	0.05	µg/L	26-Jan-11	EPA200.8
Chromium	0.5	0.1	µg/L	26-Jan-11	EPA200.8
Copper	3.1	0.2	µg/L	26-Jan-11	EPA200.8
Iron	< 5	5	µg/L	26-Jan-11	EPA200.8
Lead	< 0.1	0.1	µg/L	26-Jan-11	EPA200.8
Manganese	11.2	0.1	µg/L	26-Jan-11	EPA200.8
Mercury	< 0.01	0.01	µg/L	31-Jan-11	EPA200.8
Selenium	0.6	0.3	µg/L	26-Jan-11	EPA200.8
Uranium	0.2	0.1	µg/L	26-Jan-11	EPA200.8
Zinc	0.9	0.4	µg/L	26-Jan-11	EPA200.8

Subcontracted Organics

Cyanide, Weak Acid Dissociable < 0.002 0.002 mg/L 25-Jan-11 SM4500-CN:I



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* Taiga analytical methods are based on the following standard analytical methods
SM - Standard Methods for the Examination of Water and Wastewater
EPA - United States Environmental Protection Agency

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