



June 1, 2009

Manager of Licensing
Nunavut Water Board
P.O. Box 119
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Water Resources Officer, INAC
Nunavut District, Nunavut Region
P.O. Box 100
Iqaluit, NU X0A 0H0

RE: Water License 2BB-MRY0710 Monthly SNP Report – April 2009

Following is the monthly report for April 2009 as required under Part I, Item 19 of Water License 2BB-MRY0710.

SNP Sampling

During the month of April 2009, samples were collected at MRY-4, as part of the SNP sampling program. A list of samples required under the Water License is found in Table 1 and details which samples have been collected, sample date and lab identification number for water chemistry samples. Analyses conducted for the SNP samples are presented in Table 2. Volumes consumed for domestic water at Mary River have been collected and are attached in Table 3.

Table 1: SNP Water Sampling Summary

SNP Station	Sampling Date	Lab ID#	Comment
MRY-1			Volume reported daily
MRY-2			N/A for April
MRY-3			N/A for April
MRY-4	30-Apr-09	710060, 709978	Volume reported daily
MRY-4-1	30-Apr-09	710061, 709979	QA/QC Duplicate
MRY-4a			N/A for April
MRY-5			N/A for April
MRY-5a			N/A for April
MRY-6			N/A for April
MRY-7			N/A for April
MRY-8 / 9			N/A for April
MRY-10			N/A for April
MRY-11			N/A for April
MRY-12			N/A for April

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SNP Results

A) Water Sampling and Analysis Results

Table 2 provides the results related to SNP sampling requirements for April 2009.

B) Flow and Volume Measurements

Table 3 provides a breakdown of volume measurements as requested in Part I, Item 7 of the water license for April 2009.

We hope that the information provided in this monthly report is acceptable and should you have any questions regarding this report please contact the undersigned at 403-450-8843 or by e-mail at cheryl.wray@baffinland.com.

Regards,

Jim Millard, M.Sc., P. Geo.
Senior Environmental Superintendent

Attach: Tables 2 and 3 (two pages)

Table 2. Water Chemistry Results - April 2009						
Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Unit	Lab
710060	MRY-4	30-Apr-09	Oil and Grease	<1	mg/L	Accutest
710060	MRY-4	30-Apr-09	Biological Oxygen Demand	11	mg/L	Accutest
710060	MRY-4	30-Apr-09	pH	8.06	pH units	Accutest
710060	MRY-4	30-Apr-09	Total Suspended Solids	21	mg/L	Accutest
709978	MRY-4	30-Apr-09	Faecal Coliforms	0	ct/100 ml	Accutest
710061	MRY-4-1	30-Apr-09	Oil and Grease	<1	mg/L	Accutest
710061	MRY-4-1	30-Apr-09	Biological Oxygen Demand	12	mg/L	Accutest
710061	MRY-4-1	30-Apr-09	pH	8.18	pH units	Accutest
710061	MRY-4-1	30-Apr-09	Total Suspended Solids	21	mg/L	Accutest
709979	MRY-4-1	30-Apr-09	Faecal Coliforms	10	ct/100 ml	Accutest

Table 3: Flow and Volume Measurements-Part I Item 7 - April 2009

DATE	Camp Lake Freshwater Use (Mary River Camp) - Daily Potable Water (m³)	Treated Sewage Effluent (m³) from WWTF to PWSP at Mary River Camp	Sewage Sludge Removed (m³) from Mary River WWTP
1-Apr	0	20	0
2-Apr	0	0	0
3-Apr	0	0	0
4-Apr	0	0	0
5-Apr	0	0	0
6-Apr	19	16	0
7-Apr	0	0	0
8-Apr	0	0	0
9-Apr	0	0	0
10-Apr	0	20	0
11-Apr	0	0	0
12-Apr	24	0	0
13-Apr	0	0	0
14-Apr	0	0	0
15-Apr	0	0	0
16-Apr	25	20	0
17-Apr	0	0	0
18-Apr	0	0	0
19-Apr	0	0	0
20-Apr	0	0	0
21-Apr	0	0	0
22-Apr	0	0	0
23-Apr	0	0	0
24-Apr	0	0	0
25-Apr	0	0	0
26-Apr	0	16	0
27-Apr	11	0	0
28-Apr	0	0	0
29-Apr	0	0	0
30-Apr	0	0	0
Total	79	92	0

Notes:

WWTP - Waste Water Treatment Plant
PWSP - Polishing Waste Settling Pond