



July 3, 2009

Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0

Water Resources Officer, INAC
Nunavut District, Nunavut Region
P.O. Box 100
Iqaluit, NU X0A 0H0

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

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

SNP Sampling

During the month of May 2009, samples were collected at MRY-4, MRY-4a, and MRY-5a 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 May
MRY-3			N/A for May
MRY-4 MRY-401 MRY-402	28-May-09	717611, 717557 717613 717614	Volume reported daily QA/QC Field Duplicate QA/QC Field Blank
MRY-4a	27-May-09	717610, 717556	Sampled in preparation for discharge
MRY-5			N/A for May
MRY-5a	30-May-09	717681, 717680	Sampled in preparation for discharge
MRY-6			N/A for May
MRY-7			N/A for May
MRY-8 / 9			N/A for May
MRY-10			N/A for May
MRY-11			N/A for May
MRY-12			N/A for May

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SNP Results

A) Water Sampling and Analysis Results

Table 2 provides the results related to SNP sampling requirements for May 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 May 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 jim.millard@baffinland.com.

Regards,

A handwritten signature in black ink, appearing to read "J. Millard".

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

Attach: Tables 2 and 3 (two pages)

Table 2. Water Chemistry Results - May 2009						
Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Unit	Lab
717611	MRY-4	28-May-09	Oil and Grease	<1	mg/L	Accutest
717611	MRY-4	28-May-09	Biological Oxygen Demand	14	mg/L	Accutest
717611	MRY-4	28-May-09	pH	8.02	pH units	Accutest
717611	MRY-4	28-May-09	Total Suspended Solids	23	mg/L	Accutest
717557	MRY-4	28-May-09	Faecal Coliforms	<10	ct/100 ml	Accutest
717613	MRY-401	28-May-09	Biological Oxygen Demand	14	mg/L	Accutest
717613	MRY-401	28-May-09	pH	7.94	pH units	Accutest
717613	MRY-401	28-May-09	Total Suspended Solids	15	mg/L	Accutest
717614	MRY-402	28-May-09	Biological Oxygen Demand	<1	mg/L	Accutest
717614	MRY-402	28-May-09	pH	6.33	pH units	Accutest
717614	MRY-402	28-May-09	Total Suspended Solids	<2	mg/L	Accutest
717610	MRY-4a	27-May-09	Biological Oxygen Demand	4	mg/L	Accutest
717610	MRY-4a	27-May-09	pH	8.13	pH units	Accutest
717610	MRY-4a	27-May-09	Total Suspended Solids	9	mg/L	Accutest
717556	MRY-4a	27-May-09	Faecal Coliforms	<10	ct/100 ml	Accutest
717681	MRY-5a	30-May-09	Oil and Grease	2	mg/L	Accutest
717681	MRY-5a	30-May-09	pH	6.83	pH units	Accutest
717681	MRY-5a	30-May-09	Total Suspended Solids	15	mg/L	Accutest
717680	MRY-5a	30-May-09	Faecal Coliforms	20	ct/100 ml	Accutest

Table 3: Flow and Volume Measurements-Part I Item 7 - May 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-May	13	0	0
2-May	0	0	0
3-May	0	21	0
4-May	0	0	0
5-May	0	0	0
6-May	0	0	0
7-May	0	14	0
8-May	16	6	0
9-May	0	0	0
10-May	0	0	0
11-May	0	0	0
12-May	25	14	0
13-May	0	0	0
14-May	0	0	0
15-May	0	0	0
16-May	10	14	0
17-May	0	0	0
18-May	0	9	0
19-May	0	0	0
20-May	28	9	0
21-May	0	0	0
22-May	28	0	0
23-May	11	11	0
24-May	10	0	0
25-May	28	0	0
26-May	8	0	0
27-May	20	0	0
28-May	0	0	0
29-May	28	10	0
30-May	19	0	0
31-May	21	0	0
Total	263	108	0

Notes:

WWTP - Waste Water Treatment Plant

PWSP - Polishing Waste Settling Pond

Note that 155 m³ of the total 263 m³ Camp Lake freshwater was used for steaming culverts on the Milne Tote Road.