



December 31, 2010

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 – November 2010

Following is the monthly report for November 2010 as required under Part I, Item 19 of Water License 2BB-MRY0710.

SNP Sampling

During the month of November 2010, samples were collected at MRY-4 as part of the SNP sampling program. Table 1 presents a list of samples/monitoring required under the Water License and the details concerning which water quality samples have been collected along with sample date/lab identification number as appropriate. Analytical water quality testing results received as part of the SNP program, are presented in Table 2. Volumes consumed for domestic water purposes at Mary River have been collected and are attached in Table 3.

SNP Results

A) Water Sampling and Analysis Results

Table 2 provides the results related to SNP sampling requirements for November 2010.

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 November 2010.

We hope that the information provided in this monthly report is acceptable and should you have any questions regarding this report please contact Jim Millard at 902-403-1337 or by e-mail at jim.millard@baffinland.com.

Regards,

A handwritten signature in black ink, appearing to read "J. Millard", written over a horizontal line.

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

Attach: Tables 1, 2 and 3 (three pages)
Cc: Ian Rumbolt, INAC; Salamonie Shoo, QIA

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Table 1: SNP Water Sampling Summary – November 2010

SNP Station	Sampling Date	Lab ID#	Comment
MRY-1	N/A	N/A	Volume reported daily
MRY-2	N/A	N/A	N/A for November
MRY-3	N/A	N/A	N/A for November
MRY-4	18-Nov-10	846957 846963	Volume reported daily
MRY-4-FB	18-Nov-10	846959 846965	Field Blank of MRY-4
MRY-4-TB	18-Nov-10	846960 846966	Travel Blank of MRY-4
MRY-5	N/A	N/A	N/A for November
MRY-6	N/A	N/A	N/A for November
MRY-7	N/A	N/A	N/A for November
MRY-8 / 9	N/A	N/A	N/A for November
MRY-10	N/A	N/A	N/A for November
MRY-11	N/A	N/A	N/A for November
MRY-12	N/A	N/A	N/A for November

Table 2. Water Chemistry Results - November 2010

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Unit	Lab
846957	MRY-4	18-Nov-10	Faecal Coliforms	0	CFU/100 ml	Exova Accutest
846963	MRY-4	18-Nov-10	Biological Oxygen Demand	1	mg/L	Exova Accutest
846963	MRY-4	18-Nov-10	pH	8.13	pH units	Exova Accutest
846963	MRY-4	18-Nov-10	Total Suspended Solids	<2	mg/L	Exova Accutest
846963	MRY-4	18-Nov-10	Oil and Grease	2	mg/L	Exova Accutest
846959	MRY-4-FB	18-Nov-10	Faecal Coliforms	0	CFU/100 ml	Exova Accutest
846965	MRY-4-FB	18-Nov-10	Biological Oxygen Demand	5	mg/L	Exova Accutest
846965	MRY-4-FB	18-Nov-10	pH	5.61	pH units	Exova Accutest
846965	MRY-4-FB	18-Nov-10	Total Suspended Solids	<2	mg/L	Exova Accutest
846965	MRY-4-FB	18-Nov-10	Oil and Grease	<1	mg/L	Exova Accutest
846960	MRY-4-TB	18-Nov-10	Faecal Coliforms	40	CFU/100 ml	Exova Accutest
846966	MRY-4-TB	18-Nov-10	Biological Oxygen Demand	<1	mg/L	Exova Accutest
846966	MRY-4-TB	18-Nov-10	pH	5.80	pH units	Exova Accutest
846966	MRY-4-TB	18-Nov-10	Total Suspended Solids	<2	mg/L	Exova Accutest
846966	MRY-4-TB	18-Nov-10	Oil and Grease	<1	mg/L	Exova Accutest

Notes: MRY-4-FB is a field blank of MRY-4.

MRY-4-TB is a travel blank of MRY-4.

Table 3: Flow and Volume Measurements-Part I Item 7 - November 2010

DATE	Camp Lake Freshwater Use (Mary River Camp) - Daily Potable Water (m³) - MRY-1	Camp Lake Daily Freshwater Use for Other Purposes - (m3) - MRV-1	Treated Sewage Effluent (m³) from WWTF to PWSP at Mary River Camp - MRY-4	Sewage Sludge Removed (m³) from Mary River WWTP	Treated Sewage Effluent (m³) from PWSP to Sheardown Lake (MRV-4a,b,c)
1-Nov	0.0	0.0	0.0	0.0	0.0
2-Nov	0.0	0.0	0.0	0.0	0.0
3-Nov	0.0	0.0	0.0	0.0	0.0
4-Nov	0.0	0.0	0.0	0.0	0.0
5-Nov	0.0	0.0	0.0	0.0	0.0
6-Nov	0.0	0.0	0.0	0.0	0.0
7-Nov	0.0	0.0	0.0	0.0	0.0
8-Nov	0.0	0.0	0.0	0.0	0.0
9-Nov	0.0	0.0	0.0	0.0	0.0
11-Nov	0.0	0.0	0.0	0.0	0.0
11-Nov	0.0	0.0	0.0	0.0	0.0
12-Nov	0.0	0.0	0.0	0.0	0.0
13-Nov	0.0	0.0	0.0	0.0	0.0
14-Nov	22.0	0.0	22.0	0.0	0.0
15-Nov	0.0	0.0	0.0	0.0	0.0
16-Nov	0.0	0.0	0.0	0.0	0.0
17-Nov	0.0	0.0	0.0	0.0	0.0
18-Nov	0.0	0.0	0.0	0.0	0.0
19-Nov	20.0	4.0	20.0	0.0	0.0
20-Nov	0.0	0.0	0.0	0.0	0.0
21-Nov	0.0	0.0	0.0	0.0	0.0
22-Nov	0.0	0.0	0.0	0.0	0.0
23-Nov	0.0	0.0	0.0	0.0	0.0
24-Nov	0.0	0.0	0.0	0.0	0.0
25-Nov	0.0	0.0	0.0	0.0	0.0
26-Nov	0.0	0.0	0.0	0.0	0.0
27-Nov	0.0	0.0	0.0	0.0	0.0
28-Nov	0.0	0.0	0.0	0.0	0.0
29-Nov	20.0	0.0	20.0	0.0	0.0
30-Nov	0.0	0.0	0.0	0.0	0.0
Total	62.0	4.0	62.0	0.0	0.0

Notes:

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