



May 30, 2012

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-MRY1114 Monthly SNP Report – April 2012

The following is the monthly report for April 2012 as required under Part I, Item 19 of Water License 2BB-MRY1114.

SNP Sampling

During the month of April 2012, 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 and Milne Inlet Camp are attached in Table 3.

SNP Results

A) Water Sampling and Analysis Results

Table 2 provides the analytical results related to SNP sampling requirements for April 2012.

B) Flow and Volume Measurements

Table 3 provides a breakdown of volume measurements as requested in Part I, Item 9 of the water license for April 2012.

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'.

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

Attach: Tables 1, 2 and 3 (three pages)

Cc: Andrew Keim and Melissa Joy (AANDC), Stephen Bathory and Salamonie Shoo (QIA)

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Table 1: SNP Water Sampling Summary for April 2012

SNP Station	Sampling Date	Lab ID#	Comment
MRY-1	N/A	N/A	Daily Volumes Reported
MRY-2	N/A	N/A	N/A – Water take location not active
MRY-3	N/A	N/A	N/A – Water take location not active
MRY-4	April 5, 2012 April 27, 2012	952288 952391 954206 954222	Volume reported daily
MRY-5	N/A	N/A	N/A RBC not operating
MRY-6	N/A	N/A	N/A – frozen conditions, no flow
MRY-7	N/A	N/A	N/A – frozen conditions, no flow
MRY-8/9	N/A	N/A	N/A – frozen conditions, no flow
MRY-10	N/A	N/A	N/A – frozen conditions, no flow
MRY-11	N/A	N/A	N/A – frozen conditions, no flow
MRY-12	N/A	N/A	N/A – frozen conditions, no flow
MRY-13	N/A	N/A	N/A – frozen conditions, no flow

Table 2. Water Chemistry Results - April 2012						
Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Unit	Lab
952288	MRY-4	5-Apr-12	Faecal Coliforms	0	CFU/100 ml	Exova Accutest
952391	MRY-4	5-Apr-12	Biological Oxygen Demand	4	mg/L	Exova Accutest
952391	MRY-4	5-Apr-12	pH	7.97	pH units	Exova Accutest
952391	MRY-4	5-Apr-12	Total Suspended Solids	5	mg/L	Exova Accutest
952391	MRY-4	5-Apr-12	Oil and Grease	<1	mg/L	Exova Accutest
954206	MRY-4	27-Apr-12	Faecal Coliforms	0	CFU/100 ml	Exova Accutest
954222	MRY-4	27-Apr-12	Biological Oxygen Demand	<1	mg/L	Exova Accutest
954222	MRY-4	27-Apr-12	pH	7.88	pH units	Exova Accutest
954222	MRY-4	27-Apr-12	Total Suspended Solids	5	mg/L	Exova Accutest
954222	MRY-4	27-Apr-12	Oil and Grease	<1	mg/L	Exova Accutest

Table 3: Flow and Volume Measurements-Part I Item 7 - April 2012

DATE	Camp Lake Freshwater Use (Mary River Camp) - Daily Potable Water (m³) - MRY-1	Camp Lake Daily Freshwater Use for Other Purposes - (m³) - MRY-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 (MRY-4a,b,c)
1-Apr	0.0	0.0	0.0	0.0	0.0
2-Apr	0.0	0.0	0.0	0.0	0.0
3-Apr	17.4	0.0	17.4	0.0	0.0
4-Apr	0.0	0.0	0.0	0.0	0.0
5-Apr	0.0	0.0	0.0	0.0	0.0
6-Apr	0.0	0.0	0.0	0.0	0.0
7-Apr	0.0	0.0	0.0	0.0	0.0
8-Apr	0.0	0.0	0.0	0.0	0.0
9-Apr	0.0	0.0	0.0	0.0	0.0
10-Apr	0.0	0.0	0.0	0.0	0.0
11-Apr	0.0	0.0	0.0	0.0	0.0
12-Apr	0.0	0.0	0.0	0.0	0.0
13-Apr	0.0	0.0	0.0	0.0	0.0
14-Apr	0.0	0.0	0.0	0.0	0.0
15-Apr	0.0	0.0	0.0	0.0	0.0
16-Apr	0.0	0.0	0.0	0.0	0.0
17-Apr	0.0	0.0	0.0	0.0	0.0
18-Apr	23.8	0.0	23.8	0.0	0.0
19-Apr	0.0	0.0	0.0	0.0	0.0
20-Apr	0.0	0.0	0.0	0.0	0.0
21-Apr	0.0	0.0	0.0	0.0	0.0
22-Apr	0.0	0.0	0.0	0.0	0.0
23-Apr	0.0	0.0	0.0	0.0	0.0
24-Apr	0.0	0.0	0.0	0.0	0.0
25-Apr	12.5	0.0	12.5	0.0	0.0
26-Apr	0.0	0.0	0.0	0.0	0.0
27-Apr	0.0	0.0	0.0	0.0	0.0
28-Apr	0.0	0.0	0.0	0.0	0.0
29-Apr	0.0	0.0	0.0	0.0	0.0
30-Apr	0.0	0.0	0.0	0.0	0.0
Total	53.7	0.0	53.7	0.0	0.0

Notes:

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