



December 30, 2011

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 – November 2011

The following is the monthly report for November 2011 as required under Part I, Item 19 of Water License 2BB-MRY1114.

SNP Sampling

During the month of November 2011, 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 November 2011.

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 November 2011.

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", with a stylized flourish at the end.

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

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

Cc: Kevin Robertson and Andrew Keim (AANDC), Salamonie Shoo (QIA)

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Table 1: SNP Water Sampling Summary for November 2011

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	10-Nov-11	924853 924858	Volume reported daily
MRY-401	10-Nov-11	924854 924859	Field duplicate for MRY-4
MRY-402	10-Nov-11	924855 924860	Field blank for MRY-4
MRY-403	10-Nov-11	924856 924861	Travel blank for 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
MRY-13	N/A	N/A	N/A for November

Table 2. Water Chemistry Results - November 2011

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Unit	Lab
924858	MRY-4	10-Nov-11	Biochemical Oxygen Demand	<1	mg/L	Exova Accutest
924853	MRY-4	10-Nov-11	Faecal Coliforms	<10	CFU/100mL	Exova Accutest
924858	MRY-4	10-Nov-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
924858	MRY-4	10-Nov-11	pH	7.41	pH units	Exova Accutest
924858	MRY-4	10-Nov-11	Total Suspended Solids	<2	mg/L	Exova Accutest
924859	MRY-401	10-Nov-11	Biochemical Oxygen Demand	<1	mg/L	Exova Accutest
924854	MRY-401	10-Nov-11	Faecal Coliforms	<10	CFU/100mL	Exova Accutest
924859	MRY-401	10-Nov-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
924859	MRY-401	10-Nov-11	pH	7.55	pH units	Exova Accutest
924859	MRY-401	10-Nov-11	Total Suspended Solids	<2	mg/L	Exova Accutest
924860	MRY-402	10-Nov-11	Biochemical Oxygen Demand	<1	mg/L	Exova Accutest
924855	MRY-402	10-Nov-11	Faecal Coliforms	<10	CFU/100mL	Exova Accutest
924860	MRY-402	10-Nov-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
924860	MRY-402	10-Nov-11	pH	6.78	pH units	Exova Accutest
924860	MRY-402	10-Nov-11	Total Suspended Solids	<2	mg/L	Exova Accutest
924861	MRY-403	10-Nov-11	Biochemical Oxygen Demand	<1	mg/L	Exova Accutest
924856	MRY-403	10-Nov-11	Faecal Coliforms	<10	CFU/100mL	Exova Accutest
924861	MRY-403	10-Nov-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
924861	MRY-403	10-Nov-11	pH	5.93	pH units	Exova Accutest
924861	MRY-403	10-Nov-11	Total Suspended Solids	<2	mg/L	Exova Accutest

Notes:

MRY-401	Field duplicate for MRY-4
MRY-402	Field blank for MRY-4
MRY-403	Travel blank for MRY-4

Table 3: Flow and Volume Measurements-Part I Item 9 - November 2011

DATE	Camp Lake Freshwater Use (Mary River Camp) - Daily Potable Water (m³) - MRY-1	Phillips Creek Summer Freshwater Use (Milne Inlet Camp) - Daily Potable Water (m³)	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-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	3.6	0.0	3.6	0.0	0.0
10-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	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
20-Nov	0.0	0.0	0.0	0.0	0.0
21-Nov	6.7	0.0	6.7	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	0.0	0.0	0.0	0.0	0.0
30-Nov	4.9	0.0	4.9	0.0	0.0
Totals	15.2	0.0	15.2	0.0	0.0

Notes:

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