✝Baffinland

January 2, 2009 ~~2009~~ 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 2009

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

SNP Sampling

During the month of November 2009, 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 2009.

B) Flow and Volume Measurements

Table 3 provides a breakdown of volume measurements as requested in Part 1, Item 7 of the water license for November 2009.

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,   Reviewed by:

Trevor Myers   James Millard, P.Geo., M.Sc.
Environmental Coordinator   Senior Environmental Superintendent

Attach: Tables 1, 2 and 3 (three pages)
Cc: Andrew Keim, INAC, Stephen Bathory QIA

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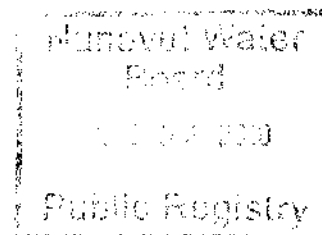
Table 1: SNP Water Sampling Summary - November 2009

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	30-Nov-09	764526	Volume reported daily
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 during winter.
MRY-10	N/A	N/A	N/A during winter.
MRY-11	N/A	N/A	N/A during winter.
MRY-12	N/A	N/A	N/A during winter.

Table 2. Water Chemistry Results - November 2009

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Unit	Lab
764526	MRY-4	30 Nov-09	Faecal Coliforms	0	ct/100 ml	Exova Accutest
764526	MRY 4	30-Nov-09	Biological Oxygen Demand	7	mg/L	Exova Accutest
764526	MRY-4	30 Nov-09	pH	8.20	pH units	Exova Accutest
764526	MRY-4	30-Nov-09	Total Suspended Solids	<2	mg/L	Exova Accutest
764526	MRY-4	30-Nov-09	Oil and Grease	6	mg/L	Exova Accutest

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

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	Daily Drill Water Use (m³) - Exploration	Treated Sewage Effluent (m³) from PWSP to Sheardown Lake (MRY-4a,b,c)
1-Nov	0.0	0.0	0.0	0	0.0	0.0
2-Nov	0.0	0.0	0.0	0	0.0	0.0
3-Nov	0.0	0.0	0.0	0	0.0	0.0
4-Nov	0.0	0.0	0.0	0	0.0	0.0
5-Nov	0.0	0.0	0.0	0	0.0	0.0
6-Nov	0.0	0.0	0.0	0	0.0	0.0
7-Nov	0.0	0.0	0.0	0	0.0	0.0
8-Nov	11.4	0.0	11.4	0	0.0	0.0
9-Nov	0.0	0.0	0.0	0	0.0	0.0
10-Nov	0.0	0.0	0.0	0	0.0	0.0
11-Nov	0.0	0.0	0.0	0	0.0	0.0
12-Nov	0.0	0.0	0.0	0	0.0	0.0
13-Nov	0.0	0.0	0.0	0	0.0	0.0
14-Nov	0.0	0.0	0.0	0	0.0	0.0
15-Nov	0.0	0.0	0.0	0	0.0	0.0
16-Nov	15.1	0.0	15.1	0	0.0	0.0
17-Nov	0.0	0.0	0.0	0	0.0	0.0
18-Nov	0.0	0.0	0.0	0	0.0	0.0
19-Nov	0.0	0.0	0.0	0	0.0	0.0
20-Nov	0.0	0.0	0.0	0	0.0	0.0
21-Nov	0.0	0.0	0.0	0	0.0	0.0
22-Nov	0.0	0.0	0.0	0	0.0	0.0
23-Nov	0.0	0.0	0.0	0	0.0	0.0
24-Nov	0.0	0.0	0.0	0	0.0	0.0
25-Nov	0.0	0.0	0.0	0	0.0	0.0
26-Nov	9.8	0.0	9.8	0	0.0	0.0
27-Nov	0.0	0.0	0.0	0	0.0	0.0
28-Nov	0.0	0.0	0.0	0	0.0	0.0
29-Nov	0.0	0.0	0.0	0	0.0	0.0
30-Nov	20.5	0.0	20.5	0	0.0	0.0
Total	56.8	0.0	56.8	0	0.0	0.0

Notes:

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