

May 31, 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-MRY0710 Monthly SNP Report – April 2011

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

SNP Sampling

During the month of April 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 Steensby Inlet Camp have been compiled and are attached in Table 3.

SNP Results

A) Water Sampling and Analysis Results

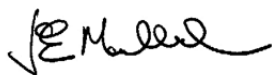
Table 2 provides the results related to SNP sampling requirements for April 2011.

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 April 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,



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

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

Baffinland Iron Mines Corporation

Suite 1016 120 Adelaide Street West, Toronto, ON Canada M5H 1T1
Tel: +1 (416) 364-8820 • Fax: +1 (416) 364-0193
www.baffinland.com



Table 1: SNP Water Sampling Summary

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 April
MRY-3	N/A	N/A	N/A for April
MRY-4	14-Apr-11	873771 873773	Volume reported daily
MRY-401	14-Apr-11	873772 873774	Duplicate of MRY-4
MRY-5	N/A	N/A	N/A for April
MRY-6	N/A	N/A	N/A for April
MRY-7	N/A	N/A	N/A for April
MRY-8 / 9	N/A	N/A	N/A for April
MRY-10	N/A	N/A	N/A for April
MRY-11	N/A	N/A	N/A for April
MRY-12	N/A	N/A	N/A for April
MRY-13	N/A	N/A	N/A for April

Table 2. Water Chemistry Results - April 2011						
Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Unit	Lab
873771	MRY-4	14-Apr-11	Faecal Coliforms	40	CFU/100 ml	Exova Accutest
873773	MRY-4	14-Apr-11	Biological Oxygen Demand	1	mg/L	Exova Accutest
873773	MRY-4	14-Apr-11	pH	7.92	pH units	Exova Accutest
873773	MRY-4	14-Apr-11	Total Suspended Solids	5	mg/L	Exova Accutest
873773	MRY-4	14-Apr-11	Oil and Grease	<1	mg/L	Exova Accutest
873772	MRY-401	14-Apr-11	Faecal Coliforms	<10	CFU/100 ml	Exova Accutest
873774	MRY-401	14-Apr-11	Biological Oxygen Demand	1	mg/L	Exova Accutest
873774	MRY-401	14-Apr-11	pH	7.93	pH units	Exova Accutest
873774	MRY-401	14-Apr-11	Total Suspended Solids	6	mg/L	Exova Accutest
873774	MRY-401	14-Apr-11	Oil and Grease	<1	mg/L	Exova Accutest

Notes: MRY-401 is a duplicate of MRY-4.

Table 3: Flow and Volume Measurements-Part I Item 7 - April 2011

DATE	Camp Lake Freshwater Use (Mary River Camp) - Daily Potable Water (m ³) - MRY-1	Camp Lake Daily Freshwater Use for Other Purposes - (m ³) - MRY-1	Steensby - Daily Freshwater Use - Daily Potable Water (from 3-Km Lake)	Treated Sewage Effluent (m ³) from WWTF to PWSP at Mary River Camp - MRY-4	Sewage Sludge Removed (m ³) from Mary River WWTP	Treated Sewage Effluent (m ³) from PWSP to Sheardown Lake (MRY-4a,b,c)
1-Apr	0.0	0.0	Inactive	0.0	0.0	0.0
2-Apr	17.2	0.0	Inactive	17.2	0.0	0.0
3-Apr	0.0	0.0	Inactive	0.0	0.0	0.0
4-Apr	0.0	0.0	Inactive	0.0	0.0	0.0
5-Apr	0.0	0.0	Inactive	0.0	0.0	0.0
6-Apr	0.0	0.0	Inactive	0.0	0.0	0.0
7-Apr	0.0	0.0	Inactive	0.0	0.0	0.0
8-Apr	0.0	0.0	Inactive	0.0	0.0	0.0
9-Apr	0.0	0.0	Inactive	0.0	0.0	0.0
10-Apr	0.0	0.0	Inactive	0.0	0.0	0.0
11-Apr	22.9	0.0	Inactive	22.9	0.0	0.0
12-Apr	0.0	0.0	Inactive	0.0	0.0	0.0
13-Apr	0.0	0.0	Inactive	0.0	0.0	0.0
14-Apr	0.0	0.0	Inactive	0.0	0.0	0.0
15-Apr	27.0	0.0	Inactive	27.0	0.0	0.0
16-Apr	0.0	0.0	Inactive	0.0	0.0	0.0
17-Apr	0.0	0.0	Inactive	0.0	0.0	0.0
18-Apr	31.3	0.0	6.7	31.3	0.0	0.0
19-Apr	0.0	0.0	0.0	0.0	0.0	0.0
20-Apr	22.2	0.0	0.0	22.2	0.0	0.0
21-Apr	2.2	0.0	2.2	2.2	0.0	0.0
22-Apr	0.0	0.0	0.0	0.0	0.0	0.0
23-Apr	0.0	0.0	0.0	0.0	0.0	0.0
24-Apr	23.1	0.0	2.3	23.1	0.0	0.0
25-Apr	0.0	0.0	0.0	0.0	0.0	0.0
26-Apr	25.4	0.0	0.0	25.4	0.0	0.0
27-Apr	1.2	0.0	1.2	1.2	0.0	0.0
28-Apr	0.0	0.0	0.0	0.0	0.0	0.0
29-Apr	25.4	0.0	0.0	25.4	0.0	0.0
30-Apr	0.0	0.0	0.0	0.0	0.0	0.0
Total	197.9	0.0	12.4	197.9	0.0	0.0

Notes:

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