



January 2<sup>nd</sup>, 2008

Manager of Licensing  
Nunavut Water Board  
P.O. Box 119  
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Water Resources Officer, INAC  
Nunavut District, Nunavut Region  
P.O. Box 100  
Iqaluit, NU X0A 0H0

**RE: Water License 2BB-MRY0710 Monthly SNP Report – December 2008**

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Following is the monthly report for December 2008 as required under Part I, Item 19 of Water License 2BB-MRY0710.

**SNP Sampling**

During the month of December 2008, samples were collected at MRY-4, as part of the SNP sampling program. A list of samples required under the Water License is found in Table 1 and details which samples have been collected, sample date and lab identification number for water chemistry samples. Analyses conducted for the SNP samples are presented in Table 2. Volumes consumed for domestic water at Mary River have been collected and are attached in Table 3.

**Table 1: SNP Water Sampling Summary**

SNP Station	Sampling Date	Lab ID#	Comment
MRY-1			Volume reported daily
MRY-2			N/A for December
MRY-3			N/A for December
MRY-4	1-Dec-08	679389, 679176	Volume reported daily
MRY-4a			N/A for December
MRY-5			N/A for December
MRY-5a			N/A for December
MRY-6			N/A for December
MRY-7			N/A for December
MRY-8 / 9			N/A for December
MRY-10			N/A for December
MRY-11			N/A for December
MRY-12			N/A for December

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## **SNP Results**

### **A) Water Sampling and Analysis Results**

Table 2 provides the results related to SNP sampling requirements for December 2008.

### **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 December 2008.

We hope that the information provided in this monthly report is acceptable and should you have any questions regarding this report please contact the undersigned at 403-450-8843 or by e-mail at [cheryl.wray@baffinland.com](mailto:cheryl.wray@baffinland.com).

Regards,

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Cheryl Wray  
Environmental Superintendent

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Cliff Pilgrim  
Site Manager

Attach: Tables 2 and 3 (two pages)

<b>Table 2. Water Chemistry Results - December 2008</b>						
<b>Sample Number</b>	<b>Sample ID</b>	<b>Date Sampled</b>	<b>Parameter Name</b>	<b>Result</b>	<b>Unit</b>	<b>Lab</b>
679176	MRY-4	1-Dec-08	Oil and Grease	<1	mg/L	Accutest
679176	MRY-4	1-Dec-08	Biological Oxygen Demand	4	mg/L	Accutest
679176	MRY-4	1-Dec-08	pH	7.65	pH units	Accutest
679176	MRY-4	1-Dec-08	Total Suspended Solids	7	mg/L	Accutest
679389	MRY-4	1-Dec-08	Faecal Coliforms	<10	ct/100 ml	Accutest

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

DATE	Camp Lake Freshwater Use (Mary River Camp) - Daily Potable Water (m <sup>3</sup> )	Treated Sewage Effluent (m <sup>3</sup> ) from WWTF to PWSP at Mary River Camp	Sewage Sludge Removed (m <sup>3</sup> ) from Mary River WWTP
1-Dec	0	0	0
2-Dec	20	20	0
3-Dec	0	0	0
4-Dec	15	15	0
5-Dec	0	0	0
6-Dec	0	0	0
7-Dec	0	0	0
8-Dec	19	19	0
9-Dec	0	0	0
10-Dec	0	0	0
11-Dec	15	15	0
12-Dec	0	0	0
13-Dec	0	0	0
14-Dec	0	0	0
15-Dec	13	13	0
16-Dec	0	0	0
17-Dec	0	0	0
18-Dec	0	0	0
19-Dec	0	0	0
20-Dec	14	14	0
21-Dec	0	0	0
22-Dec	0	0	0
23-Dec	0	0	0
24-Dec	14	14	0
25-Dec	0	0	0
26-Dec	0	0	0
27-Dec	0	0	0
28-Dec	0	0	0
29-Dec	16	16	0
30-Dec	0	0	0
31-Dec	0	0	0
<b>Total</b>	<b>127</b>	<b>127</b>	<b>0</b>

Notes:

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