



April 23th, 2008

Manager of Licensing
Nunavut Water Board
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Water Resources Officer, INAC
Nunavut District, Nunavut Region
P.O. Box 100
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RE: Water License 2BB-MRY0710 Monthly SNP Report – March 2008

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

SNP Sampling

During the month of March 2008, samples were collected at MRY-4 and MRY-5 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. Analysis conducted for the SNP samples is presented in Table 2. Volumes consumed for domestic water at Mary River and Milne Inlet has been collected and is 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 March
MRY-3			Volume reported daily
MRY-4	21-Mar-08	612333	Volume reported daily
MRY-4a			N/A for March
MRY-5	10-Mar-08 17-Mar-08	610175 611562 611563	Volume reported daily
	10-Mar-08 17-Mar-08	280102-001 280112-001	
MRY-5a			N/A for March
MRY-6			N/A for March
MRY-7			N/A for March
MRY-8			N/A for March
MRY-9			N/A for March
MRY-10			N/A for March
MRY-12			N/A for March
MRY-13			N/A for March



Results

A) Water Sampling and Analysis Results

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

We hope that the information provided in this monthly report is acceptable and should you have any questions regarding this report for January 2008 please contact the undersigned at 519-397-9092.

Regards,

Cheryl Wray
Environmental Superintendent

Dave McCann
Assistant Project Manager

Attachment.

Table 2. Water Chemistry Results

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Unit	Lab
-	MRY-4	21-Mar-08	Faecal Coliforms	Samples Frozen	ct/100ml	Accutest
612333	MRY-4	21-Mar-08	Oil and Grease	1	mg/L	Accutest
612333	MRY-4	21-Mar-08	Biological Oxygen Demand	54	mg/L	Accutest
612333	MRY-4	21-Mar-08	pH	7.87	pH units	Accutest
612333	MRY-4	21-Mar-08	Total Suspended Solids	53	mg/L	Accutest
-	MRY-5	10-Mar-08	Faecal Coliforms	Samples Frozen	ct/100ml	Accutest
-	MRY-5	10-Mar-08	Oil and Grease	Amber Bottle Broke	Visual Exam	Accutest
610175	MRY-5	10-Mar-08	Biological Oxygen Demand	69	mg/L	Accutest
610175	MRY-5	10-Mar-08	pH	7.72	pH units	Accutest
610175	MRY-5	10-Mar-08	Total Suspended Solids	Lab Comment: Insufficient Data	mg/L	Accutest
280102-001	MRY-5	10-Mar-08	Faecal Coliforms	64,000,000	CFU/100mL	Taiga
280102-001	MRY-5	10-Mar-08	Oil and Grease	non-visual	Visual Exam	Taiga
280102-001	MRY-5	10-Mar-08	Biological Oxygen Demand	74	mg/L	Taiga
280102-001	MRY-5	10-Mar-08	pH	7.46	pH units	Taiga
280102-001	MRY-5	10-Mar-08	Total Suspended Solids	146	mg/L	Taiga
280112-001	MRY-5	17-Mar-08	Coliforms, Fecal	100000	CFU/100mL	Taiga
-	MRY-5	17-Mar-08	Oil and Grease	Lab Comment: Not Sampled	Visual Exam	Taiga
280112-001	MRY-5	17-Mar-08	Biochemical Oxygen Demand	Lab Comment: No Container	mg/L	Taiga
280112-001	MRY-5	17-Mar-08	pH	7.58	pH units	Taiga
280112-001	MRY-5	17-Mar-08	Solids, Total Suspended	132	mg/L	Taiga
611562	MRY-5	17-Mar-08	Faecal Coliforms	780	ct/100ml	Accutest
-	MRY-5	17-Mar-08	Oil and Grease	Not Sampled	mg/L	Accutest
611563	MRY-5	17-Mar-08	Biological Oxygen Demand	45	mg/L	Accutest
611563	MRY-5	17-Mar-08	pH	7.62	pH units	Accutest
611563	MRY-5	17-Mar-08	Total Suspended Solids	122	mg/L	Accutest

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

DATE	Camp Lake Freshwater Use (Mary River Camp) - Daily Potable Water (m3)	Phillips Creek Winter Freshwater Use (m3) (Milne Inlet Camp) - Daily Potable Water	Treated Sewage Effluent (m3) from WWTP to PWSP at Mary River Camp	Treated Sewage Effluent (m3) from PWSP at Mary River Camp	Sewage Sludge Removed (m3) from Mary River WWTP	Treated Sewage Effluent (m3) from WWTP to PWSP at Milne Inlet Camp	Treated Sewage Effluent (m3) from WWTP to Milne Inlet	Treated Sewage Effluent (m3) from PWSP at Milne Inlet Camp	Sewage Sludge Removed (m3) from Milne Inlet WWTP
1-Mar-08	24	12.8	24	*	**	9.5	-	13.0	**
2-Mar-08	17	6.4	17	*	**	8.0	-	4.0	**
3-Mar-08	22	6.4	22	*	**	8.0	-	8.0	**
4-Mar-08	23	#	23	*	**	#	-	10.0	**
5-Mar-08	17	12.8	17	*	**	7.5	-	7.0	**
6-Mar-08	19	12.8	19	*	**	8.5	-	5.0	**
7-Mar-08	19	6.4	19	*	**	10.0	-	10.0	**
8-Mar-08	20	6.4	20	*	**	7.0	-	8.0	**
9-Mar-08	23	6.4	23	*	**	pump out EQ	-	7.0	**
10-Mar-08	23	12.8	23	*	**	10.0	-	4.0	**
11-Mar-08	16	6.4	16	*	**	7.5	-	6.0	**
12-Mar-08	16	6.4	16	*	**	9.0	-	9.0	**
13-Mar-08	20	6.4	20	*	**	7.3	-	8.0	**
14-Mar-08	29	12.8	29	*	**	10.8	-	11.0	**
15-Mar-08	32	6.4	32	*	**	11.8	-	12.0	**
16-Mar-08	28	12.8	28	*	**	11.3	-	9.0	**
17-Mar-08	28	6.4	28	*	**	11.5	-	8.0	**
18-Mar-08	28	12.8	28	*	**	9.0	-	6.0	**
19-Mar-08	28	6.4	28	*	**	6.8	-	0.0	**
20-Mar-08	28	12.8	28	*	**	12.0	-	0.0	**
21-Mar-08	22	#	22	*	**	#	-	0.0	**
22-Mar-08	25	12.8	25	*	**	-	8.5	0.0	**
23-Mar-08	23	6.4	23	*	**	-	6.5	0.0	**
24-Mar-08	30	6.4	30	*	**	-	7.5	1.0	**
25-Mar-08	39	6.4	39	*	**	-	10.0	8.0	**
26-Mar-08	24	6.4	24	*	**	-	8.5	8.0	**
27-Mar-08	35	6.4	35	*	**	-	8.0	7.0	**
28-Mar-08	35	12.8	35	*	**	-	11.0	0.0	**
29-Mar-08	45	6.4	45			-	8.0	17.0	
30-Mar-08	38	6.4	38			-	8.0	7.0	
31-Mar-08	31	12.8	31	*	**	-	8.0	5.0	**
Total	807.8	256.0	807.8	0.0	0.0	165.3	84.0	198.0	0.0

Note 1: WWTP - Waste Water Treatment Plant
PWSP - Polishing Waste Settling Pond

* Not Applicable - No Discharge from the PWSP at Mary River camp to Sheardown Lake in March

Note 2: ** Sewage Sludge not removed from Mary River or Milne Inlet WWTP in March

Readings were not taken on March 4 and March 21 due to white-out conditions and a crew change respectively