



August 31st, 2008

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 – July 2008

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

SNP Sampling

During the month of July 2008, samples were collected at MRY-4, MRY-5, and MRY-8 / 9 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, Milne Inlet, Steensby Inlet and Mid-Rail camps has been collected and is attached in Table 3. Volumes of water utilized for Exploration and Geotechnical Drilling is presented in Table 3.

Table 1: SNP Water Sampling Summary

SNP Station	Sampling Date	Lab ID#	Comment
MRY-1			Volume reported daily
MRY-2			Volume reported daily
MRY-3			N/A for July
MRY-4	7-Jul-08	639693 639779	Volume reported daily
MRY-4a			N/A for July
MRY-5	7-Jul-08	639695 639781	Volume reported daily
MRY-5a			N/A for July
MRY-6			N/A for July
MRY-7			N/A for July
MRY-8 / 9	25-Jul-08	633480 633478	
MRY-10			No surface discharge observed
MRY-11			No surface discharge observed
MRY-12			No surface dishcharge observed



Results

A) Water Sampling and Analysis Results

Table 2 provides the results related to SNP sampling requirements for July 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 please contact the undersigned at 403-450-8843.

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
639693	MRY-4	7-Jul-08	Faecal Coliforms	100000	ct/100ml	Accutest
639779	MRY-4	7-Jul-08	Oil and Grease	<1	mg/L	Accutest
639779	MRY-4	7-Jul-08	Biological Oxygen Demand	29	mg/L	Accutest
639779	MRY-4	7-Jul-08	pH	7.58	pH units	Accutest
639779	MRY-4	7-Jul-08	Total Suspended Soilds	45	mg/L	Accutest
639695	MRY-5	7-Jul-08	Faecal Coliforms	110	ct/100ml	Accutest
639781	MRY-5	7-Jul-08	Oil and Grease	<1	mg/L	Accutest
639781	MRY-5	7-Jul-08	Biological Oxygen Demand	7	mg/L	Accutest
639781	MRY-5	7-Jul-08	pH	7.33	pH units	Accutest
639781	MRY-5	7-Jul-08	Total Suspended Soilds	12	mg/L	Accutest
645776	MRY-8/9	25-Jul-08	Total Arsenic	<0.001	mg/L	Accutest
645776	MRY-8/9	25-Jul-08	Total Copper	0.005	mg/L	Accutest
645776	MRY-8/9	25-Jul-08	Total Lead	0.016	mg/L	Accutest
645776	MRY-8/9	25-Jul-08	Total Nickel	<0.005	mg/L	Accutest
645776	MRY-8/9	25-Jul-08	Total Zinc	<0.01	mg/L	Accutest
645773	MRY-8/9	25-Jul-08	Total Suspended Solids	15	mg/L	Accutest
645773	MRY-8/9	25-Jul-08	Oil and Grease	<1	mg/L	Accutest
645773	MRY-8/9	25-Jul-08	pH	7.31	pH units	Accutest

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

DATE	Camp Lake Freshwater Use (Mary River Camp) - Daily Potable Water (m ³)	Phillips Creek Summer Freshwater Use (Milne Inlet Camp) - Daily Potable Water (m ³)	Steensby Camp - km 3 Lake Daily Potable Water (m ³)	Mid-Rail Camp Daily Potable Water (m ³)	Total Daily Potable Water (m ³)	Daily Drill Water Use (m ³) - Geotechnical and Exploration	Treated Sewage Effluent (m ³) from WWTP to PWSP at Mary River Camp	Treated Sewage Effluent (m ³) from PWSP at Mary River Camp	Sewage Sludge Removed (m ³) from Mary River WWTP	Treated Sewage Effluent (m ³) from WWTP to PWSP at Milne Inlet Camp	Treated Sewage Effluent (m ³) from WWTP to Milne Inlet	Treated Sewage Effluent (m ³) from PWSP at Milne Inlet Camp	Sewage Sludge Removed (m ³) from Milne Inlet WWTP
1-Jul-08	35.0	11.0	1.4	-	47.4	0.0	35.0	*	**	***	11.0	*	**
2-Jul-08	25.0	9.0	2.4	-	36.4	19.1	25.0	*	25.0	***	11.0	*	**
3-Jul-08	34.0	10.0	2.4	-	46.4	91.7	34.0	*	2.3	***	9.0	*	**
4-Jul-08	28.0	17.0	2.2	-	47.2	50.8	28.0	*	**	***	11.0	*	**
5-Jul-08	30.0	7.0	1.4	-	38.4	24.4	30.0	*	**	***	11.0	*	**
6-Jul-08	27.0	13.0	3.5	-	43.5	68.9	27.0	*	**	***	11.5	*	**
7-Jul-08	24.0	12.0	2.3	-	38.3	75.4	24.0	*	**	***	9.0	*	**
8-Jul-08	23.0	4.0	2.5	-	29.5	135.6	23.0	*	**	***	10.5	*	**
9-Jul-08	25.0	8.0	3.4	-	36.4	54.6	25.0	*	**	***	9.5	*	**
10-Jul-08	30.0	9.0	3.8	-	42.8	151.6	30.0	*	**	***	11.0	*	**
11-Jul-08	28.0	8.0	2.7	-	38.7	146.1	28.0	*	**	***	11.0	*	**
12-Jul-08	12.0	8.0	3.6	-	23.6	182.0	12.0	*	**	***	6.8	*	**
13-Jul-08	20.0	8.0	3.3	-	31.3	243.9	20.0	*	**	***	9.0	*	**
14-Jul-08	32.0	12.0	3.2	-	47.2	183.3	32.0	*	**	***	10.3	*	**
15-Jul-08	25.0	9.0	4.0	-	38.0	94.7	25.0	*	**	***	10.3	*	**
16-Jul-08	21.0	9.0	3.0	-	33.0	89.8	21.0	*	**	***	10.0	*	**
17-Jul-08	26.0	7.0	3.3	-	36.3	54.2	26.0	*	**	***	14.0	*	**
18-Jul-08	24.0	7.0	2.6	-	33.6	143.5	24.0	*	**	***	10.8	*	**
19-Jul-08	27.0	8.0	3.7	-	38.7	128.4	27.0	*	**	***	10.0	*	**
20-Jul-08	26.0	10.0	2.4	-	38.4	126.7	26.0	*	**	***	10.0	*	**
21-Jul-08	26.0	8.0	3.1	-	37.1	237.8	26.0	*	**	***	10.0	*	**
22-Jul-08	26.0	10.0	3.1	-	39.1	34.9	26.0	*	**	***	9.0	*	**
23-Jul-08	26.0	7.0	2.9	-	35.9	60.7	26.0	*	**	***	10.0	*	**
24-Jul-08	13.0	12.0	3.1	-	28.1	198.2	13.0	*	**	***	9.5	*	**
25-Jul-08	19.0	12.0	2.8	-	33.8	190.2	19.0	*	**	***	11.0	*	**
26-Jul-08	18.0	9.0	2.6	-	29.6	214.6	18.0	*	**	***	9.0	*	**
27-Jul-08	21.0	9.0	3.3	-	33.3	234.4	21.0	*	**	***	12.0	*	**
28-Jul-08	30.0	10.0	2.5	-	42.5	69.2	30.0	*	**	***	11.0	*	**
29-Jul-08	26.0	9.0	3.9	0.4	39.2	373.5	26.0	*	**	***	10.0	*	**
30-Jul-08	23.0	9.0	2.0	0.2	34.2	162.9	23.0	*	**	***	10.0	*	**
31-Jul-08	19.0	11.0	2.5	0.2	32.7	150.9	19.0	*	**	***	0.0	*	**
Total	769.0	292.0	89.0	0.8	1150.7	3992.0	769.0	0.0	27.3	0.0	308.1	0.0	0.0

Notes:

WWTP - Waste Water Treatment Plant

PWSP - Polishing Waste Settling Pond

* No Discharge from the PWSP

** Sewage Sludge not removed from WWTP

*** No discharge to the PWSP

- Water had not yet pumped from the lake. Mid-rail camp did not officially open until the end of July.