



December 17th, 2007

Manager of Licensing
Nunavut Water Board
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Water Resources Officer, INAC
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RE: Water License 2BB-MRY0710 Monthly SNP Report – November 2007

Following is the monthly report for November 2007 as required under Part I, Item 19 of Water License 2BB-MRY0710.

SNP Sampling

During the month of November 2007, 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. Domestic water consumption volumes are based on flow meters at Mary River. Domestic water use at Milne Inlet is calculated using truck load counts as the volume of the truck is known.

Table 1: SNP Water Sampling Summary

SNP Station	Sampling Date	Lab#	Comment
MRY-1			Volume reported daily
MRY-2			Volume reported daily
MRY-3			Volume reported daily
MRY-4	12-Nov-07	51172	Volume reported daily
MRY-4b	12-Nov-07	51172	QA/QC Duplicate sample
MRY-4a			N/A for November
MRY-5	29-Nov-07	51171	Volume reported daily Sample exceeded holding time for biological
MRY-5a			N/A for November
MRY-6			N/A for November
MRY-7			N/A for November
MRY-8			N/A for November
MRY-9			N/A for November
MRY-10			N/A for November
MRY-12			N/A for November
MRY-13			N/A for November



Results

A) Water Sampling and Analysis Results

Table 2 provides the results related to SNP sampling requirements for November 2007. Samples for station MRY-5 exceeded the 24 hour holding time for biological analysis which includes Fecal coliforms. Analysis was still conducted on this parameter but results should be interpreted with caution.

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 November 2007 please contact the undersigned at 647-723-2069.

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
51172	MRY-4	12-Nov-07	Faecal Coliforms	>500000	ct/100ml
51172	MRY-4	12-Nov-07	Oil and Grease	3	mg/L
51172	MRY-4	12-Nov-07	Biological Oxygen Demand	265	mg/L
51172	MRY-4	12-Nov-07	pH	7.64	pH units
51172	MRY-4	12-Nov-07	Total Suspended Solids	122	mg/L
51172	MRY-4B	12-Nov-07	Faecal Coliforms	>500000	ct/100ml
51172	MRY-4B	12-Nov-07	Oil and Grease	1	mg/L
51172	MRY-4B	12-Nov-07	Biological Oxygen Demand	265	mg/L
51172	MRY-4B	12-Nov-07	pH	7.65	pH units
51172	MRY-4B	12-Nov-07	Total Suspended Solids	117	mg/L
51171	MRY-5	29-Nov-07	Faecal Coliforms	265000*	ct/100ml
51171	MRY-5	29-Nov-07	Oil and Grease	2	mg/L
51171	MRY-5	29-Nov-07	Biological Oxygen Demand	N/A	mg/L
51171	MRY-5	29-Nov-07	pH	8.13	pH units
51171	MRY-5	29-Nov-07	Total Suspended Solids	29	mg/L

n/a - BOD was outside the expected dilution range and could not be re-analysed due to sample holding time.

* Sample exceeded holding times for biological analysis

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- Monthly	Treated Sewage Effluent (m3) from PWSP at Mary River Camp- Monthly	Sewage Sludge Removed (m3) from Mary River WWTP	Treated Sewage Effluent (m3) from WWTP to PWSP at Milne Inlet Camp- Monthly	Treated Sewage Effluent (m3) from PWSP at Milne Inlet Camp- Monthly	Sewage Sludge Removed (m3) from Milne Inlet WWTP
01-Nov	4.5	16.4	4.5	Monthly	Monthly	0.0	Monthly	Monthly
02-Nov	5.3	24.6	5.3			11.7		
03-Nov	9.6	8.2	9.6			8.5		
04-Nov	6.5	12.8	6.5			9.5		
05-Nov	6.8	12.8	6.8			9.5		
06-Nov	6.7	6.4	6.7			7.6		
07-Nov	14.3	12.8	14.3			9.8		
08-Nov	4.2	6.4	4.2			7.6		
09-Nov	9.4	13.1	9.4			9.8		
10-Nov	7.3	12.8	7.3			9.8		
11-Nov	8.4	12.8	8.4			7.9		
12-Nov	6.8	0.0	6.8			0.0		
13-Nov	9.7	25.6	9.7			8.3		
14-Nov	6.6	12.8	6.6			7.9		
15-Nov	7.9	12.8	7.9			7.8		
16-Nov	11.6	12.8	11.6			8.7		
17-Nov	1.9	12.8	1.9			11.0		
18-Nov	8.0	0.0	8.0			7.0		
19-Nov	5.9	6.4	5.9			9.0		
20-Nov	7.5	19.2	7.5			7.5		
21-Nov	7.8	6.4	7.8			8.0		
22-Nov	6.5	12.8	6.5			8.8		
23-Nov	9.6	12.8	9.6			11.5		
24-Nov	7.9	12.8	7.9			9.0		
25-Nov	7.8	25.6	7.8			0.0		
26-Nov	8.4	6.4	8.4			12.0		
27-Nov	10.8	6.4	10.8			4.2		
28-Nov	9.9	19.2	9.9			5.6		
29-Nov	10.1	12.8	10.1			5.6		
30-Nov	10.3	12.8	10.3			4.7		
Total	237.9	369.5	237.9	0.0	0.0	228.3	0.0	0.0