



July 31st 2008

Manager of Licensing
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Water Resources Officer, INAC
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RE: Water License 2BB-MRY0710 Monthly SNP Report – June 2008

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

SNP Sampling

During the month of June 2008, samples were collected at MRY-4, MRY-5, and MRY-12 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 and Steensby 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 June |
| MRY-3 | | | Volume reported daily |
| MRY-4 | 13-June-08 | 632834 632831 | Volume reported daily |
| MRY-4a | | | N/A for June |
| MRY-5 | 12-June-08 ¹ 15-June-08 16-June-08 ¹ 17-June-08 ¹ | 632575 632595 633475 633484 633834 633835 633878 633877 | Volume reported daily |
| MRY-5a | | | N/A for June |
| MRY-6 | | | N/A for June |

¹ Sample collected on June 12 was collected under upset sampling conditions. Sample could not be collected from sampling port but was collected directly from the secondary holding tank prior to UV disinfection. Due to inclement weather conditions, and resulting exceedance of sample holding times (June 15th), the next sample appropriately collected and received by the lab was from a June 16, 2008, sampling event. A subsequent confirmation sample was collected on June 17.



| SNP Station | Sampling Date | Lab ID# | Comment |
|-------------|---------------|------------------|--------------------------------------|
| MRY-7 | | | N/A for June |
| MRY-8 | | | N/A for June |
| MRY-9 | | | N/A for June |
| MRY-10 | | | N/A for June |
| MRY-12 | 14-June-08 | 633480 633478 | Surface discharge from ore stockpile |
| MRY-13 | | | N/A for June |

Results

A) Water Sampling and Analysis Results

Table 2 provides the results related to SNP sampling requirements for June 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 | | | | | | | Comments |
|----------------------------------|-----------|--------------|--------------------------|--------|----------|----------|--------------------------------|
| Sample Number | Sample ID | Date Sampled | Parameter Name | Result | Unit | Lab | |
| 632831 | MRY-4 | 13-Jun-08 | Faecal Coliforms | 2690 | ct/100ml | Accutest | |
| 632834 | MRY-4 | 13-Jun-08 | Oil and Grease | <1 | mg/L | Accutest | |
| 632834 | MRY-4 | 13-Jun-08 | Biological Oxygen Demand | 13 | mg/L | Accutest | |
| 632834 | MRY-4 | 13-Jun-08 | pH | 7.77 | pH units | Accutest | |
| 632834 | MRY-4 | 13-Jun-08 | Total Suspended Solids | 27 | mg/L | Accutest | |
| 632595 | MRY-5 | 12-Jun-08 | Faecal Coliforms | 29300 | ct/100ml | Accutest | Sampled under upset conditions |
| 632575 | MRY-5 | 12-Jun-08 | Oil and Grease | <1 | mg/L | Accutest | |
| 632575 | MRY-5 | 12-Jun-08 | Biological Oxygen Demand | 17 | mg/L | Accutest | |
| 632575 | MRY-5 | 12-Jun-08 | pH | 7.68 | pH units | Accutest | |
| 632575 | MRY-5 | 12-Jun-08 | Total Suspended Solids | 30 | mg/L | Accutest | |
| 633484 | MRY-5 | 15-Jun-08 | Faecal Coliforms | 40000 | ct/100ml | Accutest | Sample exceeded holding times |
| 633475 | MRY-5 | 15-Jun-08 | Oil and Grease | <1 | mg/L | Accutest | |
| 633475 | MRY-5 | 15-Jun-08 | Biological Oxygen Demand | 15 | mg/L | Accutest | |
| 633475 | MRY-5 | 15-Jun-08 | pH | 7.59 | pH units | Accutest | |
| 633475 | MRY-5 | 15-Jun-08 | Total Suspended Solids | 40 | mg/L | Accutest | |
| 633834 | MRY-5 | 16-Jun-08 | Faecal Coliforms | 10 | ct/100ml | Accutest | |
| 633835 | MRY-5 | 16-Jun-08 | Oil and Grease | <1 | mg/L | Accutest | |
| 633835 | MRY-5 | 16-Jun-08 | Biological Oxygen Demand | 11 | mg/L | Accutest | |
| 633835 | MRY-5 | 16-Jun-08 | pH | 7.79 | pH units | Accutest | |
| 633835 | MRY-5 | 16-Jun-08 | Total Suspended Solids | 18 | mg/L | Accutest | |
| 633877 | MRY-5 | 17-Jun-08 | Faecal Coliforms | 30 | ct/100ml | Accutest | Confirmation Sample |
| 633878 | MRY-5 | 17-Jun-08 | Oil and Grease | 2 | mg/L | Accutest | |
| 633878 | MRY-5 | 17-Jun-08 | Biological Oxygen Demand | 12 | mg/L | Accutest | |
| 633878 | MRY-5 | 17-Jun-08 | pH | 7.85 | pH units | Accutest | |
| 633878 | MRY-5 | 17-Jun-08 | Total Suspended Solids | 15 | mg/L | Accutest | |
| 633480 | MRY-12 | 14-Jun-08 | Total Arsenic | 0.002 | mg/L | Accutest | |
| 633480 | MRY-12 | 14-Jun-08 | Total Copper | 0.002 | mg/L | Accutest | |
| 633480 | MRY-12 | 14-Jun-08 | Total Lead | <0.001 | mg/L | Accutest | |
| 633480 | MRY-12 | 14-Jun-08 | Total Nickel | <0.005 | mg/L | Accutest | |
| 633480 | MRY-12 | 14-Jun-08 | Total Zinc | 0.01 | mg/L | Accutest | |
| 633478 | MRY-12 | 14-Jun-08 | Total Suspended Solids | 10 | mg/L | Accutest | |
| 633478 | MRY-12 | 14-Jun-08 | Oil and Grease | <1 | mg/L | Accutest | |
| 633478 | MRY-12 | 14-Jun-08 | pH | 7.89 | 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) | Milne Inlet Camp Summer Freshwater Use (m ³) - Daily Potable Water | Steensby Camp Daily Potable Water (m ³) | Daily Potable Water Use (m3) - All Camps | 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-Jun-08 | 24.0 | 12.8 | 3.0 | 39.8 | 133.0 | 24.0 | * | ** | - | 0.0 | * | ** |
| 2-Jun-08 | 25.0 | 6.4 | 2.6 | 34.0 | 89.6 | 25.0 | * | ** | - | 0.0 | * | ** |
| 3-Jun-08 | 24.0 | 0.0 | 3.6 | 27.6 | 84.8 | 24.0 | * | ** | - | 14.0 | * | ** |
| 4-Jun-08 | 25.0 | 12.8 | 5.7 | 43.5 | 77.8 | 25.0 | * | ** | - | 14.0 | * | ** |
| 5-Jun-08 | 30.0 | 12.8 | 4.1 | 46.9 | 113.8 | 30.0 | * | ** | - | 9.0 | * | ** |
| 6-Jun-08 | 22.0 | 6.4 | 2.7 | 31.1 | 95.3 | 22.0 | * | ** | - | 10.0 | * | ** |
| 7-Jun-08 | 24.0 | 6.4 | 1.6 | 32.0 | 76.1 | 24.0 | * | ** | - | 6.0 | * | ** |
| 8-Jun-08 | 19.0 | 12.8 | 1.0 | 32.8 | 93.4 | 19.0 | * | ** | - | 10.8 | * | ** |
| 9-Jun-08 | 22.0 | 12.8 | 3.9 | 38.7 | 46.1 | 22.0 | * | ** | - | 8.5 | * | ** |
| 10-Jun-08 | 28.0 | 12.8 | 3.7 | 44.5 | 0.0 | 28.0 | * | ** | - | 8.8 | * | ** |
| 11-Jun-08 | 23.0 | 6.4 | 0.8 | 30.2 | 93.3 | 23.0 | * | ** | - | 7.0 | * | ** |
| 12-Jun-08 | 24.0 | 6.4 | 0.7 | 31.1 | 33.0 | 24.0 | * | ** | - | 10.8 | * | ** |
| 13-Jun-08 | 21.0 | 12.8 | 2.7 | 36.5 | 79.7 | 21.0 | * | ** | - | 9.0 | * | ** |
| 14-Jun-08 | 24.0 | 12.8 | 1.7 | 38.5 | 24.3 | 24.0 | * | ** | - | 9.0 | * | ** |
| 15-Jun-08 | 17.0 | 19.2 | 1.5 | 37.7 | 34.0 | 17.0 | * | ** | - | 10.0 | * | ** |
| 16-Jun-08 | 37.0 | 12.8 | 0.4 | 50.2 | 44.8 | 37.0 | * | ** | - | 9.0 | * | ** |
| 17-Jun-08 | 31.0 | 6.4 | 0.6 | 38.0 | 29.0 | 31.0 | * | ** | - | 11.0 | * | ** |
| 18-Jun-08 | 31.0 | 12.8 | 0.3 | 44.1 | 45.9 | 31.0 | * | ** | - | 8.8 | * | ** |
| 19-Jun-08 | 29.0 | 19.2 | 0.5 | 48.7 | 40.8 | 29.0 | * | ** | - | 12.5 | * | ** |
| 20-Jun-08 | 27.0 | 6.4 | 0.5 | 33.9 | 42.1 | 27.0 | * | ** | - | 10.5 | * | ** |
| 21-Jun-08 | 27.0 | 6.4 | 0.6 | 34.0 | 21.3 | 27.0 | * | ** | - | 9.0 | * | ** |
| 22-Jun-08 | 31.0 | 6.4 | 0.8 | 38.2 | 21.1 | 31.0 | * | ** | - | 9.0 | * | ** |
| 23-Jun-08 | 19.0 | 6.4 | 0.4 | 25.8 | 16.2 | 19.0 | * | ** | - | 7.5 | * | ** |
| 24-Jun-08 | 22.0 | 6.4 | 0.2 | 28.6 | 30.3 | 22.0 | * | ** | - | 6.5 | * | ** |
| 25-Jun-08 | 27.0 | 6.4 | 0.4 | 33.8 | 29.7 | 27.0 | * | ** | - | 7.5 | * | ** |
| 26-Jun-08 | 14.0 | 6.4 | 0.4 | 20.8 | 40.9 | 14.0 | * | ** | - | 11.0 | * | ** |
| 27-Jun-08 | 39.0 | 12.8 | 0.7 | 52.5 | 38.1 | 39.0 | * | ** | - | 9.0 | * | ** |
| 28-Jun-08 | 25.0 | 6.4 | 0.4 | 31.8 | 0.0 | 25.0 | * | ** | - | 11.5 | * | ** |
| 29-Jun-08 | 28.0 | 6.4 | 1.5 | 35.9 | 0.0 | 28.0 | * | ** | - | 8.0 | * | ** |
| 30-Jun-08 | 28.0 | 6.4 | 0.1 | 34.5 | 0.0 | 28.0 | * | ** | - | 7.0 | * | ** |
| Total | 767.0 | 281.6 | 47.0 | 1095.6 | 1474.2 | 767.0 | 0.0 | 0.0 | 0.0 | 264.5 | 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
***White out conditions
- No discharge to the PWSP