



Water and Waste Department • Service des eaux et des déchets

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April 28, 2008

Our Files: 040-17-08-29-00  
040-17-08-15-00  
040-17-08-35-00

Mr. Mike Van Den Bosch, P.Eng.  
Environmental Assessment and Licensing Branch  
Manitoba Conservation  
Suite 160 – 123 Main Street  
Winnipeg, Manitoba  
R3C 1A5

Dear Mr. Van Den Bosch:

**RE: MARCH 2008 MONITORING REPORTS FOR THE WEST END WATER POLLUTION CONTROL CENTRE LICENCE NO. 2669 E R, THE NORTH END WATER POLLUTION CONTROL CENTRE LICENCE NO. 2684 R R AND THE SOUTH END WATER POLLUTION CONTROL CENTRE LICENCE NO. 2716**

Attached please find the March 2008 Monitoring Reports for Licence No. 2669 E R issued for the City of Winnipeg West End Water Pollution Control Centre (WEWPCC), Licence No. 2684 R R issued for the City of Winnipeg North End Water Pollution Control Centre (NEWPCC) and Licence No. 2716 issued for the City of Winnipeg South End Water Pollution Control Centre (SEWPCC).

As mentioned in earlier submissions, we had been experiencing sample analytical interference problems with nitrogen and phosphorus. After investigation we have identified the primary problem and corrected it. We have decided to re-analyze past samples that are available and we will re-issue revised compliance reports when they become available.

Please note the following respecting the report for Licence #2669 E R:

1. On March 1, 7 & 8, there was no final effluent 24 hour composite sample taken. On March 2, 8 & 9 there was no final effluent grab sample taken. These no samples were due to the fact that we were unable to reach the sample location because of adverse weather conditions.
2. On March 2 & 9, the final effluent 24 hour composite sample was not analyzed because the sample was not representative of a 24 hour composite sample due to the fact that the sample had not been collected the previous day.
3. On March 6, there were no results for fecal coliform and E. coli due to a lab error. On March 15, the fecal coliforms were not analyzed due to an error on the chain of custody form. During March, the fecal coliform and E. coli limits were exceeded. As mentioned last month, to facilitate BNR re-construction, we still only have one secondary clarifier in operation resulting in daily bypass during diurnal peaks.
4. The cBOD5 limit was met in March.
5. The TSS results met the limit set in the licence in March.

Please note the following respecting the report for Licence #2684 R R:

*Embrace the Spirit • Vivez l'esprit*

Environmental Standards Division • Division des normes environnementales  
2230 Main Street • 2230, Rue Main • Winnipeg • Manitoba R2V 4T8  
tel/tél. (204) 986-4684 • fax/télec. (204) 339-2147 • www.winnipeg.ca

1. During March, the BOD5 results were in excess of the 30 mg/L limit in the licence every day but March 15. On March 29, the cBOD5 was high due to high flows occurring during the later part of the day. As indicated in earlier monitoring submissions, the cBOD5 and TOC results have been consistently low, and through testing we have shown that these high results are due to nitrification occurring.
2. On March 28, there was no TSS result due to a sample preparation error. The high TSS values on March 29 & 30, were due to high flows and bypass events. The TSS values for March met the limit set in the licence.
3. On March 14 & 15, the fecal coliforms were not analyzed due to an error on the chain of custody form. During March, the fecal coliform and E. coli limits were exceeded. On March 29, the plant flows were beyond bypass levels at the time of the sampling. It is also noted that on March 30, the plant flows were beyond bypass levels due to runoff conditions. We do not have reasons for the high coliform values on some days. We are continuing to investigate ongoing process issues with the UV disinfection facility. We hope to have these issues resolved in the near future.

Please note the following respecting the report for Licence #2716:

1. The limit of 30 mg/L for BOD5 was met during March.
2. The limit of 30 mg/L for TSS was met during March.
3. On March 6, there were no results for fecal coliforms and E. coli due to a contract lab error. On March 15, the sample was not analyzed for fecal coliforms due to an error on the chain of custody form. During March, the fecal coliform and E. coli limits were exceeded. Snow melt conditions have resulted in increased turbidities which may have contributed to the high coliform values. We experienced high instantaneous flows caused by snow melt conditions that resulted in intermittent bypass of the plant. We also had our primary clarifiers out of service for maintenance in the month of March.

Please let me know of any concerns or questions respecting this submission. I may be reached at the above address, by telephone at 986-4807 or by email at [kkjartanson@winnipeg.ca](mailto:kkjartanson@winnipeg.ca).

Thanks for your ongoing cooperation and understanding in this matter.

Yours sincerely,

*Original signed by:*

K.J.T. Kjartanson, P.Eng.  
Manager of Environmental Standards

KJTK/RG/pr  
Attachments

c: Cliff Lee, P.Eng., Assistant Director of Red River Region  
B.D. MacBride, P.Eng.  
W.J. Borlase, P.Eng.  
M.A. Shkolny, P.Eng.

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