



Water and Waste Department • Service des eaux et des déchets

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April 30, 2012

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

Don Labossiere  
Director, Environmental Compliance and Enforcement  
Manitoba Conservation and Water Stewardship  
123 Main Street  
Winnipeg MB R3C 1A5

Dear Mr. Labossiere:

**RE: MARCH 2012 MONITORING REPORTS FOR THE WEST END WATER POLLUTION CONTROL CENTRE LICENCE NO. 2669 E RR, THE NORTH END WATER POLLUTION CONTROL CENTRE LICENCE NO. 2684 RRR AND THE SOUTH END WATER POLLUTION CONTROL CENTRE LICENCE NO. 2716 R**

Attached please find the March 2012 Monitoring Reports for Licence No. 2669 E RR issued for the City of Winnipeg West End Water Pollution Control Centre (WEWPCC), Licence No. 2684 RRR issued for the City of Winnipeg North End Water Pollution Control Centre (NEWPCC) and Licence No. 2716 R issued for the City of Winnipeg South End Water Pollution Control Centre (SEWPCC).

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

1. We are pleased to report that the ammonia results have met the limit set in the licence. The total nitrogen and total phosphorus thirty-day rolling averages met the limits set in the licence in March.
2. The TSS values exceeded the limit set in the licence on 6 days in the month of March. This is due to seasonal turnover in the polishing cells.
3. The cBOD5 results met the limit set in the licence in March.
4. We are pleased to report that during the month of March the fecal coliform and E. coli results met the limits set in the licence.

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

1. The TSS values exceeded the limit set in the licence on 12 days in the month of March. The high TSS values were due to intermittent high flows and bypass events which contributed to the increased turbidity results.
2. The BOD5 results for March met the licence limit on one day in March. 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. Intermittent high flows and bypass events may have also contributed to the high results.

*Embrace the Spirit • Vivez l'esprit*

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3. The geometric mean for the fecal coliform and E. coli results did not meet the limits set in the licence for the month of March. We have been experiencing some difficulties in meeting the licence limits. We are doing additional testing and will continue to investigate the situation. In response to the high coliform values, we have increased the UV dose as of March 16. On March 15, we continued our routine maintenance and cleaning of digesters which may have contributed to the high values. We also experienced intermittent high flows and bypass events which may have contributed to the high results. On March 12, the flow exceeded 380 ML/day in accordance with the licence therefore the values from that day were not included in the geometric mean calculations. On March 24, the flow exceeded 380 ML/day at the time of sampling therefore the values from that day were not included in the geometric mean calculations.

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

1. There was no result for pH on March 31, due to a laboratory error.
2. The TSS results exceeded the licence limit on 2 days in March. The high TSS values were due to intermittent high flows and bypass events which contributed to the increased turbidity results.
3. The BOD5 values exceeded the limit set in the licence on 3 days in the month of March. On March 10 and 11, the high BOD5 values were due to intermittent high flows and bypass events. 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.
4. We are pleased to report that during the month of March the fecal coliform and E. coli results met the limits set in the licence.

Please let me know of any concerns or questions respecting this submission. I may be reached at the below 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  
Attachments

c: D. P. Sacher, P.Eng.  
C. Carroll, P.Eng.