



Water and Waste Department • Service des eaux et des déchets

October 29, 2007

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: SEPTEMBER 2007 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 September 2007 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).

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

1. On September 15, there was no result for total phosphorus due to analytical sample interferences.

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

1. On September 10 and 19, there were no results for total phosphorus due to analytical sample interferences.
2. On September 19, there was no result for TKN due to analytical sample interferences.
3. The BOD5 results were in excess of the 30 mg/L limit in the licence for 9 days in September. The average value for the month meets the limit. 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. The TSS results met the 30 mg/L limit set in the licence.
5. During September, the E.coli limit was met but the fecal coliform limit was exceeded. The results of bacti samples collected on September 3, 11 and 20 were not used in the calculation of the geometric means due to the occurrence of bypass flows. As mentioned in earlier monitoring report submissions, we are continuing to investigate some issues that have arisen with the UV disinfection facility including possible short circuiting of the facility.

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6. There was no final effluent composite sample for 12 days in September noted by shading on the compliance report. This was due to air locks in the sampling equipment. On these days, the secondary effluent composite sample results were used. We are addressing this issue although it will not totally go away because of the foaming in the system.

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

1. On September 2, there were no composite results due to a lack of power in the laboratory.
2. On September 11, there was no result for TSS due to a computer software problem in the laboratory.
3. On September 21 and 24, there were no results for total phosphorus due to analytical sample interferences.
4. The BOD5 results were in excess of the 30 mg/L limit in the licence for 12 days in September. The average value for the month is slightly over the limit. As the cBOD5 and TOC results have been consistently low, it is possible that these high results are due to nitrification occurring.
5. The limit of 30 mg/L for TSS was exceeded on September 15. The average value for the month is well below the limit.
6. During August, both the fecal coliform and the E. coli limits were met. The results of bacti samples collected on September 18 were not used in the calculation of the geometric means due to the occurrence of bypass flows.

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.

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:kk:ga
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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