



Water and Waste Department • Service des eaux et des déchets

August 31, 2007

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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: JULY 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 July 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 July 18, there was no result for fecal coliform due to a contract laboratory error.
2. On July 22, there was no result for fecal coliform or E. coli because the sample holding time exceeded the maximum allowable.
3. The July summary of activated sludge plant effluent quality and groundwater dewatering flows is also attached.

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

1. From June 21 to July 10, there was no composite sample collected because the sample line was broken. Due to the difficulty of the repair, it was not corrected until July 10 when a new pipe with specially constructed mounting brackets was installed. During this period, composite samples were collected from the secondary effluent sampling location. The grab samples were still taken at the usual location.
2. On July 22, there was no result for fecal coliform or E. coli because the sample holding time exceeded the maximum allowable.
3. The BOD5 results were in excess of the 30 mg/L limit in the licence for 12 days in July. 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. It is also noted that the plant flow was beyond the bypass level for July 10.

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4. The TSS results met the 30 mg/L limit set in the licence except for July 25. The average value for the month meets the limit.
5. During July, the E.coli limit was met but the fecal coliform limit was just exceeded. The results of bacti samples collected on July 10 and 13 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.

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

1. On July 22, there was no result for fecal coliform or E. coli because the sample holding time exceeded the maximum allowable.
2. The BOD5 results were in excess of the 30 mg/L limit in the licence for 9 days at the end of July. The average value for the month meets the limit. As the cBOD5 and TOC results have been consistently low, it is possible that these high results are due to nitrification occurring. It is also noted that the plant flow was beyond the bypass level for July 10.
3. During July, both the fecal coliform and the E. coli limits were met. The results of bacti samples collected on July 3 and 10 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: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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