



Water and Waste Department • Service des eaux et des déchets

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July 30, 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: JUNE 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 June 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 June 15, there was no result for temperature because it was not recorded.
2. On June 25, there was no result for pH because the sample was accidentally discarded.
3. The TSS results met the limit of 45 mg/L except for June 10.
4. The June summary of activated sludge plant effluent quality and groundwater dewatering flows is also attached. The June 5 E.coli result is missing because the sample was leaking and was discarded by the contract laboratory.

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

1. On June 21, 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 June 22, there were no phosphorus or total nitrogen results because of laboratory error; no aliquot was taken.
3. On June 28, there were no nutrient results because of laboratory error; no aliquot was taken.

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4. The BOD5 results were in excess of the 30 mg/L limit in the licence for 19 days in June. 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 plant flows were beyond bypass levels for June 7, 13, 18, 19, 20, 24, 25 and 26.
5. The TSS results met the 30 mg/L limit set in the licence except for June 6 and 10.
6. During June, the E.coli limit was met but the fecal coliform limit was just exceeded. The results of bacti samples collected on June 7, 13, 18, 19, 20, 24, 25 and 26 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 June 18, there was no result for pH because the sample arrived at the laboratory past the allowed holding time.
2. We are pleased to report that the limits for TSS and BOD5 were met in June (the high BOD5 value on June 7 was during a bypass event).
3. During June, the E. coli limit was met but the fecal coliform limit was just exceeded. The results of bacti samples collected on June 7, 13, 18, 20, 24, 25 and 26 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](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:kk:pr  
Attachments

c: Cliff Lee, P.Eng., Assistant Director of Red River Region  
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