



Water and Waste Department • Service des eaux et des déchets

March 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: FEBRUARY 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 February 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 February 27, there was no ortho phosphorus result because of suspected sample contamination.
2. As for January, the limit on fecal coliform and E.coli was exceeded. We believe that this may be due to poor performance of the activated sludge plant and short circuiting of flow through the lagoon system. It is being investigated.
3. The February summary of activated sludge plant effluent quality and groundwater dewatering flows is also attached per the discussion in my submission of last month.

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

1. On February 1 and 5, there was no final effluent sample due to mechanical problems with the recirculation pump in the final effluent channel. Problems with this new sampling system have continued through March and we are investigating replacing the sample pump.
2. The BOD5 results were in excess of the 30 mg/L limit in the license for all the days that samples were collected in February except two days. As indicated in the last monitoring submission, the cBOD5 and TOC results have been consistently low, and through testing we have shown that these high results are due to nitrification occurring.
3. The limit on geometric mean for fecal coliform and E. coli was exceeded in February. As mentioned in earlier monitoring report submissions, we are continuing to investigate some issues that have arisen with the UV disinfection facility including foaming and possible short circuiting of the facility.

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

1. On February 23, 25 and 27, there were no pH results due to laboratory error.
2. TSS results were all within the 30 mg/L limit of the licence except for February 11. This is likely because secondary clarifier #3 was taken out of service for maintenance between February 7 and March 2.
3. BOD5 results were all within the 30 mg/L limit of the licence except for February 10, 11 and 18. This is likely due to clarifier #3 being out of service.
4. The limit on geometric mean for fecal coliform and E. coli was exceeded in February. This is likely due to clarifier #3 being out of service. We are aware of secondary bypass occurring at the time that grab samples were taken for bacti testing on at least twelve days in the month.

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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