



Water and Waste Department • Service des eaux et des déchets

December 21, 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: NOVEMBER 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 November 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 November 12, 15 and 17, there were no results for total phosphorus due to unknown sample analytical interferences.
2. On November 5, 6, 12, 15, 16 and 17, there were no results for total nitrogen due to unknown sample analytical interferences.
3. On November 24, there was no result for TSS due to human error.
4. On November 23, there was no result for fecal coliform due to a contract laboratory error.

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

1. On November 6 and 7, there were no results for total phosphorus due to unknown sample analytical interferences.
2. On November 1, 5, 6, 7 and 14, there were no results for total nitrogen due to unknown sample analytical interferences.
3. On November 28, there were no results for TSS, BOD5, cBOD5, ammonia, ortho phosphorus, total phosphorus and total nitrogen due to a sampler malfunction.
4. The BOD5 results were in excess of the 30 mg/L limit in the licence for 21 days in November. The average value for the month did not meet 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.

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5. The TSS results met the 30 mg/L limit set in the licence in November.
6. During November, the E. coli limit was met but the fecal coliform limit was exceeded. We do not have reasons for the high coliform values on some days. 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 November 1, 10, 13, 16 and 17, there were no results for total phosphorus due to unknown sample analytical interferences.
2. On November 1, 3, 5, 6, 10, 13, 16, 17, 26 and 27, there were no results for total nitrogen due to unknown sample analytical interferences.
3. The BOD5 results were in excess of the 30 mg/L limit in the licence for 14 days in November. 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.
4. The limit of 30 mg/L for TSS was met during November.
5. During October, both the fecal coliform and the E. coli limits were met.

We are following up on the sample analytical interference problems with phosphorus and nitrogen and hope to have them resolved in the near future.

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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