



Water and Waste Department • Service des eaux et des déchets

January 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: DECEMBER 2006 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 December 2006 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 December 22, there was no result for pH because the laboratory did not receive a sample.
2. On December 30, there were no results for the final effluent composite sample because of a snow storm resulting in the sample not being delivered.
3. On December 6 and 13, coliform results are reported as, "greater than" values. This was a contract laboratory error and has been corrected for future samples.
4. On December 31, there were no results for the grab sample because of the snow storm.

The monitoring report submitted previously on December 21, 2006 for the November results contained incorrect values for average ammonia and average ammonia load and was missing the maximum flow value. The corrected November 2006 report is attached. We apologize for any problems that this may have caused.

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

1. The BOD5 results were in excess of the 30 mg/L limit in the license for all the days that samples were collected in December. As indicated in the last monitoring submission, since the cBOD5 and TOC results have been consistently low, it is thought that these high results may be due to nitrification occurring. It is likely that this problem is occurring in the new final effluent sampling system that was installed with the UV disinfection system. We do not believe that the effluent going to the river exceeds the licence requirement. The sample line was replaced at the end of January. We hope that this will correct the problem.

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2. The limit on geometric mean for fecal coliforms was exceeded in December but the facility has performed better than in preceding months. 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.

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

1. On December 18, there was no result for total phosphorus due to low recovery in the testing.
2. On December 30, there were no results for the final effluent composite sample because of a snow storm resulting in the sample not being delivered.
3. On December 31, there was no result for pH because of a delay in sample delivery.

As requested in earlier monitoring report submittal letters, we would like to receive written direction from you respecting the taking of grab samples at NEWPCC and SEWPCC during short term "bypass" conditions, the interpretation of the three licences respecting the number of grab samples required and the potential holding of the WEPCC flow to meet coliform requirements. A meeting has been arranged for February 6, 2007 to discuss these issues.

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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