



Water and Waste Department • Service des eaux et des déchets

October 23, 2008

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: SEPTEMBER 2008 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 September 2008 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 September 14, there were no results for ammonia, ortho phosphorus and total nitrogen due to a laboratory error.
2. The TSS value exceeded the limit set in the licence for 15 days in September. This is likely due to algae growth in the polishing cells in the warmer months. The average TSS result for September did not meet the limit.
3. On September 25 and 27, there were no cBOD5 results due to quality control failure. The cBOD5 results met the limit set in the licence in September.
4. There were no results for fecal coliform and E. coli on September 24 due a contract lab error. We are pleased to report that during the month of September, the fecal coliform and E. coli results met the limits set in the licence.

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

1. The TSS values for September met the limit set in the licence.
2. The BOD5 results were in excess of the 30 mg/L limit in the licence for 3 days in September. 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. On September 25 and 27, there were no results for BOD5 due to a quality control failure. The average value for the month met the limit set in the licence.

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3. There were no results for fecal coliform and E. coli on September 24 due a contract lab error. We are pleased to report that during the month of September, the fecal coliform and E. coli limits met the limits set in the licence.

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

1. On September 23, the TSS values exceeded the limit set in the licence. The high TSS value was due to high flows and bypassing at the time of sampling. The average TSS result met the licence limit in September.
2. On September 25 and 27, there was no result for BOD5 or cBOD5 due to a quality control failure. The average value for the month met the limit set in the licence. The BOD5 value exceeded the limit set in the licence for 21 days in September. The cBOD5 and TOC results have been consistently low; therefore we believe that nitrification is occurring. The average BOD5 for September did not meet the limit set in the licence.
3. There were no results for fecal coliform and E. coli on September 24 due a contract lab error. On September 23, the coliform results were not included in the geometric mean due to the high flows resulting in by-passing. The high coliform values are a result of several lamp failures. We are in the process of replacing these lamps and hope to have this issue resolved in the near future. The fecal coliform and E. coli limits did not meet the limits set in the licence.

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/RG
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.