



Water and Waste Department • Service des eaux et des déchets

September 22, 2008

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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: AUGUST 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 August 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. The TSS value exceeded the limit set in the licence on August 2, 22 and 26. This is likely due to algae growth in the polishing cells in the summer months. The average TSS result for August met the limit.
2. On August 24 there was no result for cBOD5 due to a quality control failure. The cBOD5 results met the limit set in the licence in August.
3. We are pleased to report that during the month of August, 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. On August 11 and 21, the TSS values exceeded the limit set in the licence. The high TSS values were due to intermittent high flows and bypass events. The average TSS values for August met the limit set in the licence.
2. The BOD5 results were in excess of the 30 mg/L limit in the licence for 18 days in August. 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 August 24, there was no result for BOD5 due to a quality control failure. The average value for the month did not meet the limit set in the licence.

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3. On August 12 and 22, the coliform results were not included in the geometric mean due to high daily flows and by-passing. We are pleased to report that during the month of August, 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 August 11 and 12 the TSS values exceeded the limit set in the licence. The high TSS values were due to intermittent high flows and bypass events. The average TSS result met the licence limit in August.
2. The BOD5 value exceeded the limit set in the licence for 19 days in August. The cBOD5 and TOC results have been consistently low; therefore we believe that nitrification is occurring. The average BOD5 for August did not meet the limit set in the licence.
3. On August 12 and 22, the coliform results were not included in the geometric mean due to the high daily average flows resulting in by-pass events. The E. coli limit met the limit set in the licence in August. The fecal coliform limit exceeded the limit set in the licence. We have experienced a number of lamp failures due to weather related power failures which have contributed to the high coliform values. We are in the process of replacing several lamps but we have also recently noted that the newer lamps are requiring excessive resets and are working to resolve this issue. We hope to have these issues 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/RG
Attachments

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