



Water and Waste Department • Service des eaux et des déchets

March 30, 2012

Our Files: 040-17-08-29-00
040-17-08-15-00
040-17-08-35-00

Ms. Siobhan Burland-Ross
Environmental Assessment and Licensing Branch
Manitoba Conservation and Water Stewardship
Suite 160 – 123 Main Street
Winnipeg, Manitoba
R3C 1A5

Dear Ms. Burland-Ross:

RE: FEBRUARY 2012 MONITORING REPORTS FOR THE WEST END WATER POLLUTION CONTROL CENTRE LICENCE NO. 2669 E RR, THE NORTH END WATER POLLUTION CONTROL CENTRE LICENCE NO. 2684 RRR AND THE SOUTH END WATER POLLUTION CONTROL CENTRE LICENCE NO. 2716 R

Attached please find the February 2012 Monitoring Reports for Licence No. 2669 E RR issued for the City of Winnipeg West End Water Pollution Control Centre (WEWPCC), Licence No. 2684 RRR issued for the City of Winnipeg North End Water Pollution Control Centre (NEWPCC) and Licence No. 2716 R issued for the City of Winnipeg South End Water Pollution Control Centre (SEWPCC).

Please note the following respecting the report for Licence #2669 E RR:

1. On February 2, there was no pH result due to a technician error.
2. We are pleased to report that the ammonia results have met the limit set in the licence. The total nitrogen and total phosphorus thirty-day rolling averages met the limits set in the licence in February.
3. The TSS results met the limit set in the licence in February.
4. The cBOD5 results met the limit set in the licence in February.
5. We are pleased to report that during the month of February the fecal coliform and E. coli results met the limits set in the licence.

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

1. On February 15, there was no result for total phosphorus due to a technician error.
2. The TSS results for February met the limit set in the licence.
3. On February 4, there was no result for cBOD5 and on February 7, there were no results for BOD5 and cBOD5 due to sample preparation errors. The BOD5 results for February did not meet the limit set in the licence. 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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4. During the month of February, the geometric mean for the fecal coliform and E. coli results did not meet the limits set in the licence. On February 3 to 5, we experienced higher than normal turbidity results which may have impacted the efficiency of the UV disinfection. In response to the high coliform values, we have increased the UV dose. On February 21, we began our routine maintenance and cleaning of digesters which may have also contributed to the high values.

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

1. The TSS results for February met the limit set in the licence
2. On February 12 and 16, the BOD5 results exceeded the licence 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.
3. We are pleased to report that during the month of February the fecal coliform and E. coli results met the limits set in the licence.

Please let me know of any concerns or questions respecting this submission. I may be reached at the below 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: Mark Stephens, Environmental Assessment and Licensing Branch
D. P. Sacher, P.Eng.
C. Carroll, P.Eng.

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