



Water and Waste Department • Service des eaux et des déchets

February 29, 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: JANUARY 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 January 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).

From January 18 to 30, there were no results for pH at all three plants due to an instrument error. We identified problems with the pH probe that may have affected its reproducibility and therefore was determined to be malfunctioning. The probe has since been replaced with a new one and the issue has been resolved.

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

1. 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 January.
2. On January 23, there was no result for TSS due to a technician error. The TSS results met the limit set in the licence in January.
3. There were no results for cBOD5 on January 2 and 15 due to quality control failures. The cBOD5 results met the limit set in the licence in January.
4. We are pleased to report that during the month of January 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. The TSS results for January met the limit set in the licence.
2. There were no results for BOD5 and cBOD5 on January 2 and 15 due to quality control failures. The BOD5 results for January did not meet the limit set in the licence. As indicated in earlier

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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 January the fecal coliform and E. coli results met the limits set in the licence.

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

1. On January 26, there were no results for the grab sample due to a plant shutdown at the time of sampling.
2. On January 4, 19, and 27, the TSS results were in excess of the 30 mg/L limit set in the licence. The causes for the high values are unknown.
3. There were no results for BOD5 and cBOD5 on January 2 and 15 due to quality control failures. The BOD5 results exceeded the licence limit on 5 days in January. 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.
4. We are pleased to report that during the month of January 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.
G. Fuga, P.Eng.
M. Jack