



Water and Waste Department • Service des eaux et des déchets

January 29, 2014

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

Don Labossiere
Director, Environmental Compliance and Enforcement
Manitoba Conservation and Water Stewardship
123 Main Street
Winnipeg MB R3C 1A5

Dear Mr. Labossiere:

RE: DECEMBER 2013 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 RR

Attached please find the December 2013 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 RR issued for the City of Winnipeg South End Water Pollution Control Centre (SEWPCC). This information is provided under compulsion of law in accordance with the requirements under the Environment Act Licences #2669 E RR, #2684 RRR and #2716 RR.

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

1. There were no final effluent 24 hour composite samples on December 7 and 8 due to a sampler malfunction.
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 December.
3. On December 9 the TSS result exceeded the licence limit. The cause for the high value is unknown.
4. There were no cBOD5 results on December 3, 10, and 11 due to quality control failures. The cBOD5 results met the limit set in the licence in December.
5. We are pleased to report that during the month of December the fecal coliform and E. coli results met the limit set in the licence.

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

1. On December 27 there was no final effluent grab sample because the sample was not representative due to a pump failure.

2. The TSS results exceeded the licence limit on 8 days in December. The high TSS results are attributed to ongoing refurbishment work on the centrifuges in the dewatering area. A number of centrifuges have been taken out of service in recent weeks for annual maintenance and refurbishment. We are monitoring the situation closely and making process adjustments as necessary and hope to have the issue resolved in the near future.
3. There were no BOD5 and cBOD5 results on December 3, 8, 10, and 11 due to quality control failures. The BOD5 results met the limit set in the licence in December.
4. During the month of December, the E. coli results met the limit set in the licence. The geometric mean for the fecal coliform results was exceeded. We are investigating possible causes for the high coliform values and hope to have the issue resolved in the near future.

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

1. There were no final effluent 24 hour composite samples on December 6 and 31 due to sample overflows.
2. The TSS results exceeded the licence limit on 5 days in December resulting in exceedances over the yearly 98% threshold provided in the licence. As mentioned in the previous submission, the SEWPCC has been experiencing high sludge blankets and poor settling in the secondary clarifiers which may be the cause for the exceedances. Operations staff took measures that mitigated the high TSS values. The incidents were reported on December 2, 8, 9, 10, and 11 to the Environmental Accident Reporting Line per the Licence. Confirmatory e-mails were sent to you on December 2, 9, and 12.
3. There were no cBOD5 results on December 3, 8, 10, and 11 due to quality control failures. On December 1, the cBOD5 limit was exceeded. As mentioned above, the SEWPCC has been experiencing high sludge blankets and poor settling in the secondary clarifiers which was likely the cause for the exceedance.
4. We are pleased to report that during the month of December the E. coli result met the limit set in the licence.

Please let me know of any concerns or questions respecting this submission. I may be reached by telephone at 204-986-4807 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: D. P. Sacher, P.Eng. (e-mail)
C. Carroll, P.Eng. (e-mail)