



**Water and Waste Department • Service des eaux et des déchets**

*Environmental Standards Division • Division des Normes Environnementales*

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February 28, 2018

Our File: 040-18-18-55-00

Derek Clarke  
Office of Drinking Water  
Manitoba Sustainable Development  
Box 6000  
Gimli MB R0C 1B0

Dear Mr. Clarke:

**RE: CITY OF WINNIPEG WATER SUPPLY SYSTEM - 2017 LEAD LOOP SYSTEM SUMMARY REPORT**

Please find attached the 2017 Lead Loop System Summary Report for the Winnipeg water supply system for your review and records.

As per Section 5.1, Table 2. of Operating Licence PWS-09-412-01, we are submitting the required annual lead summary report for the City of Winnipeg water supply system. This is in accordance with the reporting requirements established by the Office of Drinking Water provided in writing on March 1, 2010 by your office. Until further direction is provided by your office, we will continue to report the five minute flushed lead concentration results from the lead loop system to meet the March 1 reporting requirement.

Please let me know of any concerns or questions respecting this submission. I may be reached at the below address, by telephone at 204-986-8359 or by e-mail at [rgrosselle@winnipeg.ca](mailto:rgrosselle@winnipeg.ca).

Thanks for your ongoing cooperation and understanding in this matter.

Yours sincerely,

*Original signed by:*

R. Grosselle  
Manager of Environmental Standards

Enclosures

cc: Dr. L. Richards, Winnipeg Regional Health Authority (e-mail)  
Dr. S. Roberecki, Manitoba Health, Seniors and Active Living (e-mail)  
M. L. Geer, CPA, CA (e-mail)  
T. Shanks, P.Eng. (e-mail)  
C. Diduck (e-mail)



**CITY OF WINNIPEG  
WATER AND WASTE DEPARTMENT  
ENVIRONMENTAL STANDARDS DIVISION**

Water System Code: 252.00

Licence Number: PWS-09-412-01

**2017 Lead Loop System Summary Report**

| SAMPLE DATE                            | Five minute flushed Lead Concentration (mg/L) |                   |                   |               |                   |
|--|---|-------------------|-------------------|---------------|-------------------|
|  | Lead Loop Cu                                  | Lead Loop Pb      | Lead Loop Pb1     | Lead Loop Pb2 | Lead Loop Pb3     |
| January 26, 2017                       | <0.0004                                       | 0.0015            | 0.0016            | 0.0016        | 0.0016            |
| February 17, 2017                      | <0.0004                                       | 0.0007            | 0.0009            | 0.0015        | 0.0005            |
| March 17, 2017                         | 0.0007  | 0.0013            | 0.0008            | 0.0005        | <0.0004           |
| April 7, 2017                          | <0.0004                                       | <0.0004           | <0.0004           | 0.0024        | 0.0004            |
| May 12, 2017                           | <0.0004                                       | <0.0004           | <0.0004           | <0.0004       | <0.0004           |
| June 2, 2017                           | <0.0004                                       | <0.0004           | <0.0004           | <0.0004       | <0.0004           |
| July 21, 2017                          | <0.0004                                       | <0.0004           | <0.0004           | <0.0004       | <0.0004           |
| August 4, 2017                         | <0.0004                                       | 0.0007            | <0.0004           | 0.0017        | <0.0004           |
| September 29, 2017                     | <0.0006                                       | <0.0006           | <0.0006           | <0.0006       | <0.0006           |
| October 20, 2017                       | <0.0006                                       | <0.0006           | <0.0006           | <0.0006       | <0.0006           |
| November 10, 2017                      | <0.0006                                       | <0.0006           | <0.0006           | 0.0028        | 0.0009            |
| December 1, 2017                       | <0.0006                                       | <0.0006           | <0.0006           | 0.0006        | <0.0006           |
| <b>2017 AVERAGE LEAD CONCENTRATION</b> | <b>&lt;0.0006</b>                             | <b>&lt;0.0006</b> | <b>&lt;0.0006</b> | <b>0.0016</b> | <b>&lt;0.0006</b> |

COMMENTS: Effective September 2017, the lead detection limit increased from 0.0004 mg/L to 0.0006 mg/L.

Report Compiled By: H.Demchenko

NS - NO SAMPLE  
NR - NO RESULT

Approved in LIMS By: C.Diduck

Date Approved: 27-Feb-18

Methodology

Lead was analyzed by ICP-MS according to Standard Methods for the Examination of Water and Wastewater, 21<sup>st</sup> Edition, Method 3125