



Water and Waste Department • Service des eaux et des déchets

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February 13, 2015

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

Ms. Melanie Betsill  
Drinking Water Officer  
Office of Drinking Water  
Manitoba Conservation and Water Stewardship  
1007 Century Street  
Winnipeg, Manitoba  
R3H 0W4

Dear Ms. Betsill:

**RE: LEAD LOOP SYSTEM ANNUAL SUMMARY REPORT  
FOR THE CITY OF WINNIPEG WATER SUPPLY SYSTEM FOR 2014**

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Please find attached the Lead Loop System Summary Report for 2014 for the Winnipeg water supply system for your review and records.

As per Section 4.13, Table 2. of the operating licence, 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. We have been advised that Manitoba Health will be providing their recommendations on the lead protocol and further direction in writing will be provided by your office when the protocol is finalized. 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  
Attachments

c: Dr. L. Richards, Winnipeg Regional Health Authority  
Dr. S. Roberecki, Manitoba Health  
D.P. Sacher, P.Eng. (e-mail)  
T. Shanks, P.Eng. (e-mail)  
C. Diduck (e-mail)

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

Water System Code: 252.00

Licence Number: PWS-09-412A

**2014 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 23, 2014	<0.001	<0.001	<0.001	0.003	<0.001
February 26, 2014	<0.001	<0.001	<0.001	<0.001	<0.001
March 20, 2014	<0.001	<0.001	<0.001	<0.001	<0.001
April 29, 2014	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
May 14, 2014	<0.0004	0.0021	<0.0004	0.0004	<0.0004
June 18, 2014	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
July 25, 2014	<0.0004	<0.0004	<0.0004	0.0008	<0.0004
August 11, 2014	<0.0004	<0.0004	<0.0004	0.0013	<0.0004
September 23, 2014	<0.0004	<0.0004	<0.0004	0.0004	<0.0004
October 16, 2014	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
November 13, 2014	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
December 18, 2014	<0.0004	<0.0004	<0.0004	0.0009	<0.0004
<b>2014 AVERAGE LEAD CONCENTRATION</b>	<b>&lt;0.0004</b>	<b>0.0004</b>	<b>&lt;0.0004</b>	<b>0.0007</b>	<b>&lt;0.0004</b>

COMMENTS: Effective April 22, 2014, the minimum detection limit for lead has decreased to 0.0004 mg/L.

Report Compiled By: H.Demchenko

NS - NO SAMPLE  
NR - NO RESULT

Approved in LIMS By: C.Diduck

Date Approved: 5-Jan-15

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