



Water and Waste Department • Service des eaux et des déchets

Environmental Standards Division • Division des Normes Environnementales

February 27, 2019
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 - 2018 LEAD LOOP SYSTEM SUMMARY REPORT

Please find attached the 2018 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.

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

2018 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 19, 2018	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
February 16, 2018	<0.000065	<0.000065	<0.000065	<0.000065	<0.000065
March 9, 2018	<0.000065	<0.000065	<0.000065	<0.000065	<0.000065
April 13, 2018	<0.000065	<0.000065	<0.000065	<0.000065	<0.000065
May 18, 2018	<0.000065	<0.000065	<0.000065	<0.000065	<0.000065
June 8, 2018	<0.000065	<0.000065	<0.000065	<0.000065	<0.000065
July 20, 2018	<0.000065	<0.000065	<0.000065	<0.000065	<0.000065
August 17, 2018	<0.000065	<0.000065	<0.000065	<0.000065	<0.000065
September 28, 2018	<0.000065	<0.000065	<0.000065	<0.000065	<0.000065
October 19, 2018	<0.000065	0.00463	<0.000065	<0.000065	<0.000065
November 23, 2018	<0.000065	<0.000065	<0.000065	<0.000065	<0.000065
December 7, 2018	<0.000065	<0.000065	<0.000065	<0.000065	<0.000065
2018 AVERAGE LEAD CONCENTRATION	<0.000065	0.000438	<0.000065	<0.000065	<0.000065

COMMENTS:
Effective February 15, 2018 the detection limit changed from 0.0006 mg/L to 0.000065 mg/L

Report Compiled By: H.Demchenko

Approved By: C.Diduck

Date Approved: 26-Feb-19

Methodology

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

File Location: N:\Compliance Reporting\Lead Loop Annual Report\2018 Lead Loop Annual Report\Lead Loop 2018.xls