



**Water and Waste
Eaux et déchets**

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

February 28, 2020

Re: 2019 Lead Loop System Summary Report

Please find enclosed the 2019 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 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 (email)
Dr. S. Roberecki (email)
M. L. Geer, CPA, CA (email)
T. Shanks, P.Eng. (email)
C. Diduck (email)

ENVIRONMENTAL STANDARDS DIVISION
2230 Main Street, Winnipeg, Manitoba R2V 4T8
DIVISION DES NORMES ENVIRONNEMENTALES
2230, rue Main, Winnipeg (Manitoba) R2V 4T8

T. | Tél. : 204-986-4684
F. | Fax : 204-339-2147
winnipeg.ca/waterandwaste



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

Water System Code: 252.00

Licence Number: PWS-09-412-01

2019 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 18, 2019	<0.000065	<0.000065	<0.000065	<0.000065	<0.000065
February 14, 2019	<0.000065	<0.000065	<0.000065	<0.000065	0.000086
March 22, 2019	<0.000065	<0.000065	<0.000065	<0.000065	<0.000065
April 10, 2019	<0.000065	<0.000065	<0.000065	<0.000065	<0.000065
May 17, 2019	<0.000065	<0.000065	<0.000065	<0.000065	<0.000065
June 14, 2019	0.000190	<0.000065	<0.000065	<0.000065	<0.000065
July 19, 2019	<0.000065	<0.000065	<0.000065	<0.000065	<0.000065
August 16, 2019	<0.000065	<0.000065	<0.000065	<0.000065	0.000066
September 19, 2019	0.000095	0.000069	0.000075	0.000074	0.000233
October 25, 2019	<0.000065	<0.000065	<0.000065	<0.000065	0.000136
November 22, 2019	<0.000065	<0.000065	<0.000065	<0.000065	<0.000065
December 20, 2019	<0.000065	<0.000065	<0.000065	<0.000065	<0.000065
2019 AVERAGE LEAD CONCENTRATION	<0.000065	<0.000065	<0.000065	<0.000065	0.000065

COMMENTS:

Report Compiled By: A. Gordon

Approved By: B. Bradford

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\2019 Lead Loop Annual Report\Lead Loop 2019.xls