



**Water and Waste
Eaux et déchets**

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

September 24, 2019

RE: 2019-Q3 CITY OF WINNIPEG TOTAL TRIHALOMETHANES AND TOTAL HALOACETIC ACIDS SUMMARY REPORTS

Please find attached the 2019-Q3 Total Trihalomethanes and Total Haloacetic Acids Summary Reports for the City of Winnipeg water supply system.

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.

Yours sincerely,

Original signed by:

R. Grosselle
Manager of Environmental Standards

Enclosures

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



Water and Waste
Eaux et déchets

Environmental Standards Division

Total Trihalomethanes Summary Report

Reporting Period: Quarter 3 2019

License: PWS-09-412-01

SAMPLE DATE	DISTRIBUTION SYSTEM THM RESULTS (ug/L)					
	WC-12	WC-06	NW-05	NE-09	SE-07	SW-08
Monday, November 5, 2018	20.6	21.9	18.9	23.9	23.5	22.9
Monday, February 4, 2019	35.1	39.8	39.2	37.4	38.0	41.0
Monday, May 6, 2019	19.8	20.7	21.7	19.9	16.4	20.9
Tuesday, August 6, 2019	64.0	59.5	49.3	51.4	46.7	58.6
RUNNING AVERAGE THM	34.9	35.5	32.3	33.2	31.2	35.9

COMMENTS:

Methodology

Modified from EPA Method 5021A, "Volatile Organic Compounds in Various Sample Matrices Using Equilibrium Headspace Analysis", Revision 2, July 2014 and EPA Method 8260B, "Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)", Revision 3, August 2006.

Compiled by: N. Crawford

Approved by: C. Diduck

Date Compiled: September 13, 2019



Water and Waste
Eaux et déchets

Environmental Standards Division

Total Haloacetic Acids Summary Report

Reporting Period: Quarter 3 2019

License: PWS-09-412-01

SAMPLE DATE	DISTRIBUTION SYSTEM HAA RESULTS (ug/L)					
	WC-12	WC-06	NW-05	NE-09	SE-07	SW-08
Monday, November 5, 2018	20.3	26.9	18.8	18.0	20.7	27.3
Monday, February 4, 2019	29.4	30.3	32.7	31.2	29.0	30.6
Monday, May 6, 2019	18.5	25.1	24.7	20.5	19.6	18.6
Tuesday, August 6, 2019	23.7	40.8	22.5	27.3	37.8	38.6
RUNNING AVERAGE HAA	23.0	30.8	24.7	24.3	26.8	28.8

COMMENTS:

Methodology

Modified from EPA Method 552.3, "Determination of Haloacetic Acids and Dalapon in Drinking Water by Liquid-Liquid Micro extraction, Derivatization, and Gas Chromatography with Electron Capture Detection".

Compiled by: N. Crawford

Approved by: C. Diduck

Date Compiled: September 13, 2019