



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

May 5, 2020

RE: 2020-Q1 CITY OF WINNIPEG TOTAL TRIHALOMETHANES AND TOTAL HALOACETIC ACIDS SUMMARY REPORTS

Please find attached the 2020-Q1 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:
(Signed original available upon request)*

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)
B. Bradford (e-mail)



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Total Trihalomethanes Summary Report

Reporting Period: Quarter 1 2020

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, 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
Monday, November 4, 2019	31.1	30.4	30.6	34.6	30.1	32.5
Monday, February 10, 2020	35.1	34.8	31.3	35.3	31.4	35.3
RUNNING AVERAGE THM	37.5	36.4	33.2	35.3	31.2	36.8

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: A. Gordon

Approved by: B. Bradford

Date Compiled: May 5, 2020



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Total Haloacetic Acids Summary Report

Reporting Period: Quarter 1 2020

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, 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
Monday, November 4, 2019	29.5	31.4	29.1	22.9	28.9	31.1
Monday, February 10, 2020	35.4	34.9	35.2	35.0	34.1	41.2
RUNNING AVERAGE HAA	26.8	33.1	27.9	26.4	30.1	32.4

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: A. Gordon

Approved by: B. Bradford

Date Compiled: May 5, 2020