



**Water and Waste
Eaux et déchets**

Kale Black, Sr. Drinking Water Officer
Office of Drinking Water, Manitoba Conservation and Climate
309 – 25 Tupper Street North
Portage La Prairie, MB R1N 3K1

December 6, 2023

RE: 2023-Q3 CITY OF WINNIPEG TOTAL TRIHALOMETHANES AND TOTAL HALOACETIC ACIDS SUMMARY REPORTS

Please find attached the 2023-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 can be reached by telephone at 204-986-8359 or by e-mail at rgrosselle@winnipeg.ca.

Yours sincerely,

A handwritten signature in black ink that reads "R. Grosselle".

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. T. Hilderman, Manitoba Health, Seniors and Active Living (email)
T. Shanks, M. Eng., P. Eng. (email)
M. Szmon, P. Eng. (email)
L. McCusker, P. Eng. (email)
C. Diduck (email)



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Environmental Standards Division

Total Trihalomethanes Summary Report

Reporting Period: Quarter 3 2023

License: PWS-09-412-02 A

SAMPLE DATE	DISTRIBUTION SYSTEM THM RESULTS (ug/L)					
	WC-12	WC-06	NW-05	NE-09	SE-07	SW-08
Monday, November 7, 2022	52.9	51.6	48.9	51.0	52.5	53.0
Monday, February 6, 2023	52.7	48.6	49.7	49.1	49.0	50.4
Monday, May 1, 2023	45.5	47.0	41.3	46.0	43.2	47.8
Monday, August 14, 2023	54.0	58.5	49.0	56.4	55.4	57.3
RUNNING AVERAGE THM	51.3	51.4	47.2	50.6	50.0	52.1

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.

Report Date: November 28, 2023



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Total Haloacetic Acids Summary Report

Reporting Period: Quarter 3 2023

License: PWS-09-412-02 A

SAMPLE DATE	DISTRIBUTION SYSTEM HAA RESULTS (ug/L)					
	WC-12	WC-06	NW-05	NE-09	SE-07	SW-08
Monday, November 14, 2022	36.9	35.6	37.9	33.6	37.1	38.5
Monday, February 13, 2023	30.5	30.5	31.9	29.2	28.8	34.8
Monday, May 1, 2023	42.5	41.3	37.3	39.6	41.9	42.5
Monday, August 14, 2023	32.5	44.2	27.0	31.3	43.4	43.7
RUNNING AVERAGE HAA	35.6	37.9	33.5	33.4	37.8	39.9

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".

Report Date: November 28, 2023