



Water and Waste Department • Service des eaux et des déchets

December 6, 2016

Our File: 040-18-18-55-00

Melanie Betsill
Office of Drinking Water
Manitoba Sustainable Development
1007 Century Street
Winnipeg, Manitoba R3H 0W4

Dear Ms. Betsill:

**RE: TOTAL TRIHALOMETHANE AND HALOACETIC ACIDS SUMMARY REPORTS
FOR THE CITY OF WINNIPEG WATER SUPPLY SYSTEM FOR QUARTER 4 - 2016**

Please find attached the Total Trihalomethane and Haloacetic Acids Summary Reports for the fourth quarter of 2016 for the Winnipeg water supply system for your review and records.

Please let me know of any concerns or questions respecting this submission. I may be reached at the address below, 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

RG/nc
Attachments

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

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

Total Trihalomethane Summary Report

Reporting Period: Quarter 4 2016

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, February 01, 2016	11	10	10	13	11	10
Monday, May 24, 2016	21	22	24	23	23	21
Monday, August 22, 2016	40	49	45	43	43	41
Monday, November 7, 2016	17	19	24	21	21	23
RUNNING AVERAGE THM	22	25	26	25	25	24

COMMENTS: May 24, 2016 and August 22, 2016 samples were analyzed by contract lab.

NS - NO SAMPLE
NR - NO RESULT

Methodology

Trihalomethanes analyzed by GC-ECD, Standard Methods for the Examination of Water and Waste Water, 21st Edition, Method 6232
Effective May 2016, analysis of Volatile Organic Compounds is by Headspace GC-MS, EPA Methods 5021A and 8260C.

Report Compiled by: H.Demchenko

Approved in LIMS by: C.Diduck

File: WQR4

Date Approved: December 5, 2016

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

Haloacetic Acids Summary Report

Reporting Period: Quarter 4 2016

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, February 01, 2016	32	33	31	37	32	37
Monday, May 09, 2016	27	28	27	29	28	28
Monday, August 8, 2016	31	37	23	29	38	38
Monday, November 7, 2016	25	27	29	28	29	28
RUNNING AVERAGE HAA	29	31	28	31	32	33

COMMENTS:

NS - NO SAMPLE
NR - NO RESULT

Methodology

Haloacetic Acids analyzed by GC-ECD, Standard Methods for the Examination of Water and Waste Water, 21st Edition, Method 6232

Report Compiled by: H.Demchenko

Approved in LIMS by: C.Diduck

File: WQR4

Date Approved: December 5, 2016

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