



Sustainable Development

Office of Drinking Water

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www.manitoba.ca/drinkingwater

File: 29.00

February 1, 2017

Scott Hildebrand
City of Brandon
410 – 9th Street
Brandon MB R7A 6A2

2016 Annual Compliance Audit

Dear Mr. Hildebrand:

Please find enclosed the 2016 Annual Compliance Audit for the Brandon public water system (PWS). The report compares water system compliance to *The Drinking Water Safety Act* and its supporting regulations, and the terms and conditions of the water system's current operating licence (PWS-08-140-01 AA).

Where non-compliance items are identified, the issues do not necessarily translate into increased public health risk. The Office of Drinking Water uses processes, including boil water advisories, to notify water users of a public health risk.

Please review the following terms and conditions of your operating licence to ensure on-going compliance:

- Water quality sampling frequencies identified in *Table 2*.
- Engineering Assessment (due date: March 1, 2020)
- Advisory Notification Plan submission (clause 6.15)
- 2016 Public Water System Annual Report (due date: March 31, 2017)

Health Canada is currently reviewing National Guidelines, including manganese and lead, which may have an impact on Manitoba water supplies. Owners and operators are encouraged to review Health Canada's guidelines and related chemistry results to determine what impact they may have on your water supply. You will receive notification of any changes to Health Canada's Guidelines for Canadian Drinking Water Quality and Manitoba Standards should they affect your water supply.

Water suppliers are reminded to immediately notify the Office of Drinking Water of any condition(s) that may affect the ability of the water system to produce or deliver safe drinking water. These conditions include:

- treatment upsets, bypass conditions, operation outside of licence conditions
- contamination of source or treated water
- a disinfection, filtration, or distribution system failure

The 2016 Annual Compliance Audit is based on information submitted to this office. If you have questions regarding non-compliance items identified in this audit, review your records prior to contacting this office. If your records conflict with the audit information please call me at 204-726-6563.

Sincerely,

Glen Robertson
Senior Regional Drinking Water Officer

Enclosures

cc: Brad McIntosh, Water Treatment Plant Manager b.mcintosh@brandon.ca
Patrick Pulak, Director of Water Resources p.pulak@brandon.ca

2016 Annual Compliance Audit

Water System: BRANDON – PWS

Code: 29.00

Water System Owner: City of Brandon

Water System Operating Licence: PWS-08-140-01 AA Expiry Date: November 30, 2017

- 1) This report documents the Brandon Public Water System compliance for the period from January 1 to December 31, 2016.
- 2) Addendum A to this report provides specific information on the non-compliance incidents identified in the summary below.
- 3) Other than the information provided in attached Addendum A, the water supplier has complied with *The Drinking Water Safety Act*, its supporting regulations, and the terms and conditions of the water system's current operating licence
- 4) This report is based on information submitted by the water supplier, agents of the water supplier, and / or the Province of Manitoba.

Summary of Non-Compliance Incidents:

• Failure to Meet Disinfection Requirements
• Failure to Meet Chemical Requirements

Addendum A: Record of Non-Compliance
 Water System: BRANDON – PWS
 Report period: January 1, 2016 to December 31, 2016.

Enforcement Action Taken

Date	Clause	Incident	Outcome
		None reported	

Disinfection Requirements

Date	Samples	Incident	Outcome
July	1	Failure to maintain a free chlorine residual of at least 0.5 mg/L in accordance with the operating licence	Non-compliant
August	3	Failure to maintain a free chlorine residual of at least 0.1 mg/L at all times at any point in the water distribution system	Non-compliant
October	3	Failure to maintain a free chlorine residual of at least 0.1 mg/L at all times at any point in the water distribution system	Non-compliant

Bacteriological Requirements

Date	Samples	Incident	Outcome
		None reported	

Microbial Requirements

Date	Clause	Incident	Outcome
		None reported	

Turbidity Requirements

Date	Samples	Incident	Outcome
		None reported	

Chemical Requirements

Date	Clause	Incident	Outcome
2016	OL Table 1	Failure to meet the trihalomethane standard of less than or equal to 0.10 mg/L	Non-compliant

Operational Requirements

Date	Clause	Incident	Outcome
		None reported	