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Office of Drinking Water

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<http://www.manitoba.ca/drinkingwater>

Sent via electronic mail: no hard copy to follow

January 12, 2017

PWS: 166.00

Mrs. Gisèle Smith, CMMA, Resident Administrator

Local Government District of Pinawa

Box 100

Pinawa, MB R0E 1L0

smithg@pinawa.com

2016 Annual Compliance Audit Pinawa Public Water System

Dear Mrs. Smith:

Please find enclosed the 2016 Annual Compliance Audit for the Pinawa 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-08-262-01).

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.

The Pinawa public water system met the 3-log licence requirements beginning in July 2016. The audit reflects the non-compliance until this date.

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 Re-assessment (due date: March 1, 2017)
- 2016 Public Water System Annual Report (due date: March 31, 2017)

Water suppliers that own and operate a portion of their water supply on a seasonal basis, such as a campground or park, are reminded they are required to follow Seasonal Water System Start-up/Shut-down procedures. Your operating licence will be amended in the future to reflect this requirement; however, in the interim the protocol must be followed.

The Seasonal Water System Start-up/Shut-down procedure can be found on our web site at: www.gov.mb.ca/sd/waterstewardship/odw/reg-info/operations-monitor

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) 371-5065.

Sincerely,



Sarah Belisle
Senior Regional Drinking Water Officer

copy: Mayor Blair Skinner, LGD of Pinawa
Pinawa WTP Operators
Andrew Toews, Public Works Manager

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2016 Annual Compliance Audit

Water System: PINAWA - PWS

Code: 166.00

Water System Owner: Local Government District of Pinawa

Water System Operating Licence: PWS-08-262-01

Expiry Date: November 30, 2018

- 1) This report documents the Pinawa 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:

<ul style="list-style-type: none">• Failure to Meet Microbial Requirements
<ul style="list-style-type: none">• Failure to Meet Turbidity Requirements

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Addendum A: Record of Non-Compliance

Water System: PINAWA - 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
		None reported	

Bacteriological Requirements

Date	Samples	Incident	Outcome
		None reported	

Microbial Requirements

Date	Clause	Incident	Outcome
2016	OL Section 4	Failure to meet the 3-log protozoa barrier	Letter of Direction Issued

Turbidity Requirements

Date	Samples	Incident	Outcome
January		Failure to take, record and/or report turbidity on a continuous basis	Non-compliant
February		Failure to take, record and/or report turbidity on a continuous basis	Non-compliant
March		Failure to take, record and/or report turbidity on a continuous basis	Non-compliant
April		Failure to take, record and/or report turbidity on a continuous basis	Non-compliant
May		Failure to take, record and/or report turbidity on a continuous basis	Non-compliant
June		Failure to take, record and/or report turbidity on a continuous basis	Non-compliant

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July		Failure to take and/or record a confirmatory turbidity measurements	Non-compliant
August		Failure to take and/or record a confirmatory turbidity measurements	Non-compliant
September		Failure to take and/or record a confirmatory turbidity measurements	Non-compliant
October		Failure to take and/or record a confirmatory turbidity measurements	Non-compliant
November		Failure to take and/or record a confirmatory turbidity measurements	Non-compliant
December		Failure to take and/or record a confirmatory turbidity measurements	Non-compliant

Chemical Requirements

Date	Clause	Incident	Outcome
		None reported	

Operational Requirements

Date	Clause	Incident	Outcome
		None reported	