



Water Stewardship

Office of Drinking Water
1007 Century St., Winnipeg, Manitoba, Canada R3H 0W4
T 204-945-8913 F 204-945-1365
gilbert.bushati@gov.mb.ca
<http://www.manitoba.ca/drinkingwater>

File: 57.50

10 January 2012

Reeve and Council
Rural Municipality of East St. Paul
3021 Bird's Hill Rd.
East St. Paul MB R2E 1A7

Dear Reeve and Council Members:

RE: 2011 Annual Audit Report for the East St. Paul Public Water System

Please find enclosed the 2011 Annual Audit Report for the East St. Paul Public Water System. The Audit indicates that your water system has complied with the terms and conditions of the Operating Licence (PWS-10-472). The enclosed report provides the details of your licence requirements and the compliance achieved.

The Audit Report is based on information submitted to this office by various sources. If your records conflict with the audit information, or if you have any questions concerning this report or any other drinking water related issues, you may call me at (204) 945-8913.

Sincerely,

Gilbert Bushati
Senior Regional Drinking Water Officer

Encl.: 2011 Audit Report

Copy: D. Winsor



**Water Stewardship
Office of Drinking Water**

**Public Water System
Annual Audit Report**

Reporting Year: 2011
Date: 2012-01-09

Water System:

East St. Paul - PWS

Code:

57.50

Owner:

RM of East St. Paul

Operator in Charge:

Don Winsor

Address:

3021 Birds Hill Rd., East St. Paul

Phone:

(204) 668-8112

Owner Representative:

Jerome Mauws

Operating Licence Number:

PWS-10-472

Water Quality Standards

**Percent
Compliance**

**Corrective
Action Forms**

Bacterial

Total coliform and E. coli bacteria (treated water)	Less than one total coliform and E. coli bacteria detectable per 100mL in all treated water	100%	-
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Total coliform and E. coli bacteria (distrib. water)	Less than one total coliform and E. coli bacteria detectable per 100mL in all distributed water	100%	-
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Comments:

Disinfection

Chlorine residual	Free chlorine residual of at least 0.5 mg/L in water entering the distribution system following a minimum contact time of 20 minutes	100%	-
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	Free chlorine residual of at least 0.1 mg/L at all times at any point in the water distribution system	100%	-
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Comments:

Chemical

Result (mg/L)

Arsenic	Less than or equal to 0.01 mg/L	Below detect. ¹
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Fluoride	Less than or equal to 1.5 mg/L	0.119 ¹
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Nitrate	Less than or equal to 10 mg/L measured as nitrogen	Below detect. ¹
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Uranium	Less than or equal to 0.02 mg/L	0.0018 ¹
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Benzene	Less than or equal to 0.005 mg/L	Below detect. ²
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Trichloroethylene	Less than or equal to 0.005 mg/L	Below detect. ²
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Tetrachloroethylene	Less than or equal to 0.03 mg/L	Below detect. ²
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Comments:
¹ – Refers to treated water sample taken in Jan 2011
² – Refers to treated water sample taken in Jan 2009

Monitoring Requirements

**Percent
Compl.**

Bacterial

Total coliform and E. coli	Bi-weekly sampling program with each set of samples consisting of one raw, one treated, and a minimum of one distribution sample(s).	100%
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Comments:

Disinfection

Free chlorine (treated water)	Continuous sampling of water entering the distribution system following at least twenty minutes of contact time. A confirmatory sample to be taken weekly at a location established by the Drinking Water Officer.	100%
Free chlorine (distribution system)	At the same time and location(s) as bacteriological distribution system sampling	100%
Total chlorine (treated water)	One sample per day of water entering the distribution system following at least twenty minutes of contact time	100%
Total chlorine (distribution system)	At the same time and location(s) as bacteriological distribution system sampling	100%

Comments:

Chemistry

General chemistry (to include arsenic, benzene, fluoride, nitrate, trichloroethylene, tetrachloroethylene, and uranium)	One raw and one treated water sample once every three years	100%
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Comments:

Reporting Requirements

Disinfection	Submit original monthly disinfection report forms within seven days after the end of each calendar month	100%
Corrective Actions	Submit original corrective action report for minor exceedences as described in the most recent version of the Office of Drinking Water "Operational Guidelines for Public and Semi-public Water Systems", along with the monthly disinfection, or turbidity report form	n/a
Emergency	Immediately notify the Office of Drinking Water of any condition that may affect the ability of the water system to produce or deliver safe drinking water including treatment upsets or bypass conditions, contamination of the source water or treated water, a filtration or disinfection system failure, or a distribution system failure	n/a

Comments:

Other Regulatory Requirements

Engineering Assessment

Due Date	3 January 2011
Date Received	31 January 2011



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Comments:

Operating Licence Expiry Date

Expiry Date

30 November 2015

Comments:

Please be advised that you are required to apply for renewal of your operating licence 60 days prior to its expiry

2011 Water System Annual Report

Due Date

March 31, 2012

Date Received

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Comments:

Your 2011 Water System Annual Report is due by March 31, 2012

Inspection

System Inspected

18 January 2011

Inspection Letter Sent

28 January 2011

Comments:

The inspection letter recommended the installation of a backflow prevention device on the truck-fill line. Other recommendations in the Engineering Assessment Report will be reviewed with the operator during the next inspection

Enforcement

Type of Enforcement

n/a

Comments:

No enforcement action was taken during year 2011