



Manitoba Water Stewardship
Office of Drinking Water
25 Tupper Street N.
Portage la Prairie MB R1N 3K1
T 204 239-3880 F 204 239-3215

jared.mcnabb@gov.mb.ca
www.manitoba.ca/drinkingwater

PWS 4.00

January 31, 2011

Mayor and Council
Town of Altona
Box 1630
Altona MB R0G 0B0

Dear Mayor Klassen and Council:

Please find enclosed the 2010 Audit Report for the Town of Altona Public Water System (PWS). The Audit shows that the Altona PWS fulfilled its obligations in 2010 in complying with the terms and conditions of Operating Licence (PWS-08-153) with the exception of the following items:

- Monitoring Requirements - Total Trihalomethanes – samples taken on a quarterly basis

The Audit Report is based on information submitted to this office. If your records conflict with the audit information, or if you have any questions concerning this report, or any other drinking water related issues, please call me at (204) 239-3880.

Sincerely,

Jared McNabb
Drinking Water Officer

Enclosure

c: Russ Phillips, CAO
Bill Loewen, Town Engineer
Steve Wiebe, Public Works Foreman
Wayne Dueck, WTP Operator

RECEIVED

FEB 02 2011

TOWN OF ALTONA



Water Stewardship
Office of Drinking Water

Public Water System Annual
Audit Report

Reporting
Period:

2010

Date:

Jan. 31,
2011

Water System:

Altona - PWS

Code:

4.00

Owner:

Town of Altona

Operator in Charge:

Wayne Dueck

Address:

111 Centre Avenue East
Altona MB R0G 0B0

Phone:

324-6468

Owner Representative:

Russ Phillips

Operating Licence Number:

PWS-08-153

Water Quality Standards

Percent
Compliance

Corrective Action
Forms

Bacterial

Total coliform and E. coli

Less than one E. coli and total coliform bacteria detectable per 100mL in all treated and distributed water

100%

n/a

Comments:

Regulatory requirement met.

Disinfection

Chlorine residual

A 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%

n/a

A free chlorine residual of at least 0.1 mg/L at all times at any point in the water distribution system

100%

n/a

Comments:

Regulatory requirement met.

Chemical

Test Results

Total trihalomethanes (to include: bromodichloromethane, bromoform, chloroform, dibromochloromethane)

Less than or equal to 0.10 mg/L (100µg/L) as annual average of quarterly samples

No quarterly average available

Lead

Less than or equal to 0.01 mg/L (10µg/L)

tba

Comments:

THM results are calculated on an annual average of quarterly samples. No results for month of May.



Water Stewardship
Office of Drinking Water

Public Water System Annual
Audit Report

Reporting Period: 2010	Date: Jan. 31, 2011
---------------------------	---------------------------

Water System:

Altona - PWS

Code:

4.00

Owner:

Town of Altona

Operating Licence:

PWS-08-153

Monitoring Requirements

Percent
Compliance

Bacterial

Total coliform and E. coli	Bi-weekly sampling program with each set of samples consisting of one raw, two treated and a minimum of one distribution sample. Consecutive sample sets must be separated by at least 12 days.	100%
Comments:	Regulatory requirement met.	

Disinfection

Free chlorine (treated water)	One sample per day of water entering the distribution system following at least twenty minutes of contact time.	100%
Free chlorine (distribution system)	At the same times 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 times and location(s) as bacteriological distribution system sampling.	100%
Comments:	Regulatory requirement met.	

Chemistry

Trihalomethanes (THMs)	One preserved distribution system sample taken on a quarterly basis during February, May, August, and November, every second year.	75%
Lead	As per the instructions of the Drinking Water Officer	tba
Comments:	No THM samples collected for month of May. Quarterly THM samples required for 2011.	



Water Stewardship
Office of Drinking Water

Public Water System Annual
Audit Report

Reporting Period: 2010	Date: Jan. 31, 2011
---------------------------	---------------------------

Water System:

Altona - PWS

Code:

4.00

Owner:

Town of Altona

Operating Licence:

PWS-08-153

Other Regulatory Requirements

Emergency Response Plan

Due Date: June 1, 2010

Date Received: July 2010

Comments: Regulatory requirement met – currently under review by Office of Drinking Water

Engineering Assessment

Due Date: March 1, 2009

Date Received: July 14, 2009

Comments: Regulatory requirement met – Office of Drinking Water reviewed and response letter sent

Compliance Plan

Due Date: June 1, 2009

Date Received: August 24, 2010

Comments: Regulatory requirement met – currently under review by Office of Drinking Water

2009 Annual Report

Due Date: March 31, 2010

Date Received: April 19, 2010

Comments: Regulatory requirement met.
Due date for 2010 Annual Report is March 31, 2011

Inspection

System Inspected: July 10, 2009

Inspection Letter Sent: July 13, 2009

Comments: Satellite reservoir systems are on a two year inspection rotation and Altona PWS will be inspected in 2011

Enforcement

Comments: n/a