



Missouri Department of Natural Resources  
Water Protection Program  
Public Drinking Water Branch  
P.O. Box 176  
Jefferson City, MO 65102-0176

**Notice of Violation  
Public Notice Required**

**Date of Report:** March 2, 2017  
**PWS ID:** MO4010290

**PWS Name:** Fredericktown

**Mail to:**

Floyd Shell  
124 W Main  
PO Box 549  
Fredericktown, MO 63645-0549

*Please notify us of any name or address changes*

**SUBJECT: NOTICE OF VIOLATION - Drinking Water Standards for a Public Water System for Total Trihalomethanes (TTHM).**

Dear Floyd Shell:

The Fredericktown public water system exceeded the maximum contaminant level (MCL) for the following:

Analyte	Locational Running Annual Avg (LRAA) for period ending December 31, 2016	LRAA Unit of Measure (UOM)	MCL	MCL UOM
TTHM	81	UG/L	80	UG/L

The Missouri Safe Drinking Water Regulations require public drinking water systems in Missouri that disinfect with chlorine, chloramines or ozone, to meet standards for disinfection byproducts (DBPs). TTHMs are a regulated DBP and are formed in the treatment process when chlorine reacts with naturally occurring organic matter. The concentration of TTHM during the twelve-month period ending December 31, 2016 exceeded the MCL of 80 micrograms per liter (ug/L) or parts per billion (ppb). The MCL is based on a locational running annual average (LRAA) of four quarterly samples. The resulting TTHM LRAA concentration for Fredericktown was 81 ppb. Therefore, the drinking water standard for TTHM found at 10 CSR 60-4.090(1)(D) has been exceeded.

As a result of this MCL exceedance, your public water system must provide public notice in accordance with 10 CSR 60-8.010. This regulation requires the public water system to provide the mandatory language associated with this violation to their consumers and that the public notice be provided as soon as practical, but no later than 30 days after the system learns of the violation. It is also required that the notice be distributed by mail or other direct delivery to each customer receiving a bill and to other service connections to which water is delivered by the public water system; and by any other method reasonably calculated to reach other persons regularly served by the system. Within 7 days of completing the public notification, the water system must submit certification to this office that it has fully complied with the public notification regulations. A Public Notice and Certification form have been enclosed for this purpose.

Your cooperation regarding this matter is essential. If this department can be of assistance or you have any questions, please contact the Southeast Regional Office at 573-840-9750 or Lance Dorsey at 573-751-6982.

Sincerely,

WATER PROTECTION PROGRAM

Lance Dorsey, Chief  
Compliance and Enforcement Section  
Enclosures

**Instructions for Public Notice  
Disinfection Byproducts Violation for Period Ending December 31, 2016**

**PWS ID: MO4010290**

**DNR Notification Date: March 2, 2017**

**Date Public Must be Notified by: April 1, 2017**

**Date to send Public Notification back to DNR by: April 9, 2017**

**Overview:** Public water systems must provide public notice of Safe Drinking Water Act violations in a form and manner reasonably calculated to reach consumers as soon as possible, but no later than 30 days from being notified. DNR provides these instructions, certification (next page), and sample notice (previous page) to help systems comply with the Public Notice Rule and ensure the public is duly notified. Community systems must take the following actions:

**A.** Within 30 days, the water system must notify consumers of this violation. Use the following methods to distribute the notice:

1. Mail or hand-deliver a copy of the public notice to all customers. Use of this method is mandatory for community public water systems. Until returned to compliance, the system must provide the notice to new customers at the time service begins. *And*
2. Choose at least one additional method. Cities, water districts, wholesalers and large water companies typically publish the notice in a local newspaper of general circulation. Small community systems, such as subdivisions, mobile home parks and apartments, typically post the notice. If the water system maintains a website, this would also be a good place to post the notice. Posting must be on-going for as long as the violation exists. For violations that have been resolved, the minimum posting period is 7 days.

**B. AFTER** the water system has distributed the notice, send a copy of the system's version that was provided to consumers *and* the completed certification on the next page to:

Missouri Department of Natural Resources  
Public Drinking Water Branch  
P.O. Box 176  
Jefferson City, MO65102-0176

**YOU MUST SEND PUBLIC NOTICE DOCUMENTS TO DNR TO GET CREDIT FOR COMPLETING THIS REQUIREMENT.** Failure to do so is a violation. Please submit documentation within 7 days of notifying the public. For ongoing violations, send us documentation every three months. You may fax these documents to 573-751-3110. Please retain a copy of the certification and public notice for your records for a minimum of 3 years. We can e-mail an electronic version of the public notice to the system, if that would be helpful. Complete state regulations for the public notification of drinking water violations can be found in 10 CSR 60-8.010 <http://s1.sos.mo.gov/cmsimages/adrules/csr/current/10csr/10c60-8.pdf>.

If you have any questions about public notice, please contact Shelby Miller at 573-751-4422. For questions about the violation, you may contact the Southeast Regional Office at 573-840-9750 or the Public Drinking Water Branch at 573-526-6925.