



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES

William R. Snodgrass - Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243-1102

April 14, 2023

JOHN HARKINS, WATER SUPERINTENDENT
GRAYSVILLE WATER DEPT
P.O. BOX 100
GRAYSVILLE, TN 37338

JOHNKTHREE@GMAIL.COM

Re: Compliance Status Notification - 2/1/2023 through 2/28/2023
PWSID: TN0000269

Mr. HARKINS:

The Division of Water Resources appreciates the dedicated efforts of the GRAYSVILLE WATER DEPT to meet the requirements of the Tennessee Safe Drinking Water Act (SDWA). During a recent compliance status review conducted by staff in the Central Office and confirmed by staff in your Regional Field Office, this system has been identified with a possible violation of the Ground Water Rule (GWR). The portion of this rule which is in question requires public water systems utilizing ground water sources and providing disinfection treatment to maintain disinfectant levels to achieve 4-log inactivation viruses.

According to the monitoring information reported to the Division, the 4 Wells Treatment Facility, failed to maintain at least 4-log treatment of viruses (required residual of 0.43 ppm) before or at the first customer during the monitoring period listed above. The lowest reported residual of 0.37 ppm is a violation of the treatment technique requirement if the failure is/was not corrected within four hours of determining the facility is/was not maintaining at least 4-log treatment.

If you believe the violation listed above has been identified incorrectly, please provide documentation to our office within fifteen (15) days of receiving this correspondence. Failure to do so will cause the violation(s) listed above to become valid and reported to the United States Environmental Protection Agency.

If you agree the violation listed above has occurred and is valid, the Tennessee SDWA requires the persons served by this system be informed through a public notice as outlined in the attached information. A copy of the Public Notice and Certification Statement attesting to when and how the Notice was provided are to be submitted to our office within ten (10) days of providing it to the public. Failure to provide the Public Notice and Certification Statement as required will result in an additional Public Notice violation.

Again, the Division would like to extend our appreciation for your efforts to maintain compliance with the Safe Drinking Water Act. As always, our staff is available to assist you with any questions you may have. Specific concerns regarding this letter should be directed to the CHATTANOOGA Field Office at (888) 891-8332, or you may contact me via email at: jeff.bagwell@tn.gov or (615) 585-4716.

Sincerely,

Jeff Bagwell
TN Division of Water Resources

cc: CHATTANOOGA Field Office

JOHN HARKINS, WATER SUPERINTENDENT JOHNKTHREE@GMAIL.COM

Jennifer Innes Jennifer.Innes@tn.gov

Amy Francis Amy.Francis@tn.gov

Example 6-7. Example Tier 2 Public Notification for Failure to Maintain at Least 4-Log Treatment of Viruses

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER System D Failed to Maintain Required Treatment of Viruses at Well 1

From December 27, 2010 to January 12, 2011, our water system did not provide chlorine in the water being used from Well 1 due to a malfunctioning chlorine feed pump. As a result, our water was not as disinfected as the state requires it to be. Our water system violated a treatment technique standard for maintaining adequate disinfection for water delivered to customers from Well 1. As our customers, you have a right to know what happened and what we are doing to correct this situation. After this problem was identified during a state inspection of our treatment facilities, we took immediate steps to repair the malfunctioning chlorine pump. The treatment system has been repaired and is now operating properly.

What should I do?

There is nothing you need to do unless you have a severely compromised immune system, have an infant, or are elderly. These people may have been at increased risk when our system failed to provide adequate disinfection and should seek advice about drinking water from their health care providers. General guidelines on ways to lessen the risk of infection by microbes are available from EPA's Safe Drinking Water Hotline at (800) 426-4791. If you have specific health concerns, consult your doctor.

You do not need to boil your water or take other corrective actions. If a situation arises where the water is no longer safe to drink, you will be notified within 24 hours. We will announce any emergencies on Channel 22 or Radio Station KMMM (97.3 FM).

What does this mean?

This is not an emergency. If it had been an emergency, you would have been notified within 24 hours.

Inadequately treated or inadequately protected water may contain disease-causing organisms. These organisms can cause symptoms such as diarrhea, nausea, cramps, and associated headaches. While we have not detected any evidence of contamination in, or other health threats to, our source water, we are still committed to restoring the required level of treatment to the water from Well 1 to eliminate the threat of contamination.

What is being done?

We have replaced the malfunctioning chlorine pump and regular sampling has shown that we are once again providing adequate disinfection of water from Well 1.

For more information, please contact John Johnson, manager of System D, at (555) 555-1234 or write to 2600 Winding Rd., Townsville, TM 12345.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by _____ Water System.

State Water System ID# _____ Date: _____

Formatting Requirements for Public Notices

All public notices must meet certain formatting standards. These requirements help prevent the notice from being buried in a newspaper and help ensure that consumers can easily understand the notice. Notices must:

- ✓ Be displayed in a conspicuous way (where printed or posted);
- ✓ Not contain overly technical language or very small print;
- ✓ Not be formatted in a way that defeats the purpose of the notice; and
- ✓ Not contain language which nullifies the purpose of the notice.

Certification

The PN Rule requires a PWS, within 10 days of completing the public notification requirements for the initial public notice and any repeat notices, to submit to the State a certification that it has fully complied with the public notification regulations. A PWS must include with the certification a representative copy of each type of notice distributed, published, posted, or made available to the persons served by the system and to the media (e.g., press release to TV/radio, mail notices). A sample certification “box” with appropriate language, suitable for checking off required activities as a PWS completes them is provided on the next page. The box is not mandatory (only a statement is); however, it is a useful tool for tracking and noting required activities.

PWS Name: _____ <i>[system name]</i> _____
PWS-ID #: _____ <i>[PWS number]</i> _____
For Violation: _____ <i>[describe violation or situation]</i> _____
occurring on _____ <i>[insert date]</i> _____.
The public water system indicated above hereby affirms that public notice has been provided to consumers in accordance with the delivery, content, and format requirements and deadlines in [regulatory citation].
<input type="checkbox"/> Consultation with primacy agency (if required) on _____ <i>[insert date]</i> _____
<input type="checkbox"/> Notice distributed by _____ <i>[insert method]</i> _____ on _____ <i>[date]</i> _____.
<input type="checkbox"/> Notice distributed by _____ <i>[insert method]</i> _____ on _____ <i>[date]</i> _____.
<input type="checkbox"/> Content - 10 elements
Signature of owner or operator _____
Date _____