



Operating Services

# 386  
wm 5-27-08  
JB

TN DEPT OF ENVIRONMENT AND CONSERVATION

2008 MAY 27 P 1:04

May 23, 2008

Mr. Wayne Muirhead  
Tennessee Dept of Environment and Conservation  
Division of Water Supply  
6th Floor L&C Tower  
401 Church Street  
Nashville, TN 37243-1549

DIVISION OF WATER SUPPLY

Tier 2 Public Notice  
for 1st QTR 2008 TTHM  
MCL Violation

**Subject: Notice of Violation**

Dear Mr. Muirhead

On behalf of the City of La Vergne (PWSID #0000386), enclosed are the notice and check list for the distribution of the N.O.V. for La Vergne Water System's 1st Quarter Annual Average for Trihalomethanes (THMs) calculated at 0.087 mg/L.

- Enclosed:
1. Copy of NOV mailed to postal patrons within the La Vergne Water System.
  2. List of public places where posted.
  3. Delivery addresses to single bill serving several persons.

If you have any questions regarding this matter, please contact me.

Thomas Champagne  
Project Manager  
La Vergne Water Plant  
(615) 287-8691

cc: Mark Moshea, City Administrator  
TDEC Field Office  
Plant file

23 May 2008

Public Places:

La Vergne City Hall

La Vergne Public Library

<http://lavergne.org/>

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DIVISION  
OF WATER SUPPLY

Single bill locations:

Cedar Ridge Apartments  
100 Madison Road  
La Vergne, TN 37086

Driftwood Inn  
121 Charter Place  
La Vergne, TN 37086

Kings Ridge Apartments  
623 Waldron Road  
La Vergne, TN 37086

Rainbow Acres Apartments  
214 Barnett St  
La Vergne, TN 37086

Summer Creek Apartments  
2001 Madison Square Blvd.  
La Vergne, TN 37086

Music City Campground  
5047 Murfreesboro Rd  
La Vergne, TN 37086

Rutherford Pointe Apartments  
1 Rutherford Pointe Circle  
La Vergne, TN 37806

Ahepha 343 Apartments  
121 Mason Circle  
La Vergne, TN 37086

Certified by:

Name (Print)

Thomas Champagne

Signature

Thomas Champagne

Title

Project Manager

Phone #

(615)287-8691 Date 5/23/08

E-mail

tchampagne@stes.com

Public Notification for Community Water System  
La Vergne Water System  
Public Water Supply ID: TN 0000386

**This is not an emergency.** If it had been, you would have been notified immediately. EPA does not consider this violation to have any serious adverse health effects on human health as a result of short-term exposure; however, continued long term exposure to TTHMs levels above the standard (e.g., 20 years of exposure) has the potential to have serious adverse effects on human health. You do not need to boil your water or take other actions. If you have specific health concerns, consult your doctor.

*The La Vergne System is currently in violation of the maximum contaminant level (MCL) for total trihalomethanes (TTHMs) as set forth by the State [Chapter XII, Public Water Systems Regulation 1200-5-1-.36(7)(b)] and the Federal Primary Drinking Water Regulations (40 CFR Part 141).*

The United States Environmental Protection Agency (EPA) and the Tennessee Department of Environment and Conservation (TDEC) sets drinking water standards and requires the disinfection of drinking water. *Where disinfection is used in the treatment of drinking water, disinfectants combine with naturally occurring organic and inorganic matter present in water to form chemicals called disinfection byproducts (DBPs). EPA and TDEC set standards for controlling the levels of disinfectants and DBPs in drinking water, including trihalomethanes (THMs). Some people who drink water containing THMs in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous system, and may have an increased risk of getting cancer.*

In December 1998, EPA set enforceable drinking water standards for TTHMs at 80 milligrams per Liter (mg/L) to reduce the risk of cancer or other adverse health effects. Compliance with the TTHMs standard for public water systems serving 10,000 or greater individuals initially became effective and enforceable on January 1, 2002. *Compliance with the TTHMs standard is determined by calculating a running annual average (RAA) of quarterly TTHMs sample results. Compliance calculations performed during the first calendar quarters of 2008 show that the system's TTHMs RAA was 0.087mg/L, thus, the system is currently in violation of the TTHMs standard. The average of 0.087 mg/L is still being influenced by one high value of 0.127 mg/L obtained in September of 2007. The average since December of 2007 to present is 0.076 mg/L. The system should meet compliance levels in the third quarter of this year.*

The causes of THM formation are natural occurring organic material in the water, chlorine, time, and temperature. In our continuing efforts to reduce the THMs to zero, we control as best we can all of these parameters except temperature for which there is no control. We monitor and keep the chlorine in the system as low as possible while keeping it high enough to maintain disinfection. To minimize the time in the system, we flush the system regularly.

If you have any questions about this report or concerning your water utility, please contact Thomas Champagne, [tchampagne@stes.com](mailto:tchampagne@stes.com), or by phone at 615-793-6536.

*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 the La Vergne Water System, PWSID#TN0000386.

Date distributed: May 21, 2008.