



**IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER: ELEVATED LEVELS OF FLUORIDE ABOVE DRINKING WATER STANDARDS**

Our water system recently violated a drinking water standard. Although this is not an emergency, as our customers, you have a right to know what happened, what you should do, and what we did (are doing) to correct this situation.

We routinely monitor for the presence of drinking water contaminants. Testing results we received on December 15, 2010 show that our system exceeded the standard, or maximum contaminant level (MCL), for fluoride. The average level of fluoride in samples taken during the last year was 1.09 mg/L. The standard for fluoride is that the average of samples taken over the last year may not exceed 4 mg/L.

**WHAT SHOULD I DO?**

**Children under the age of nine should use an alternative source of water that is low in fluoride.** In addition, you may want to consult your dentist about whether to avoid dental products containing fluoride. Adults and children over age nine should consult their dentist or doctor and show him/her this notice to determine if an alternate source of water low in fluoride should be used.

**WHAT DOES THIS MEAN?**

This is not an emergency. If it had been, you would have been notified immediately. Fluoride in small amounts helps prevent tooth decay. However, *some people who drink water containing fluoride in excess of the MCL over many years could get bone disease, including pain and tenderness of the bones. Fluoride in drinking water at half the MCL or greater may cause mottling of children's teeth, usually in children less than nine years old. Mottling, also known as dental fluorosis, may include brown staining and/or pitting of the permanent teeth. This problem occurs only in developing teeth, before they erupt from the gums.* Although it takes many years of exposure to fluoride for bone disease to develop, mottling can occur after a relatively short period of exposure.

**WHAT HAPPENED?**

**WHEN WILL THIS BE RESOLVED?**

On December 8, 2010, a fluoride pump did not shut down properly which caused an elevated fluoride reading. The Electric Plant Board of the City of Vanceburg was notified by the lab of these elevated readings on December 15, 2010. A fluoride sample was mailed to the lab on December 15, 2010 and tested on December 17, 2010. The Electric Plant Board of the City of Vanceburg's local reading was .96 ppm. Appalachian States Analytical tested the sample sent at 0.96 ppm verifying that fluoride levels were within range on December 17, 2010. We are continuing to monitor fluoride levels. We will inform you if they exceed the limit of 4 mg/l. Some hot water treatment units are also available to remove fluoride from drinking water. To learn more about available home water treatment units, you may call NSF International at 1-877-8-NSF-HELP. For more information contact: **Danny Enix**, Telephone: (606) 796-2641, Mailing Address: **191 Front Street, P.O. Box 489, Vanceburg, Kentucky 41179**

*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.*

Respectfully,

Danny Enix  
Water & Gas Department Manager

**Administrative Address:**  
191 Front Street, Vanceburg, Kentucky 41179  
Telephone: (606) 796-2641 Fax: (606) 796-6311  
Website: [www.epb-vanceburg.com](http://www.epb-vanceburg.com)