

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

ESTE INFORME CONTIENE INFORMACION IMPORTANTE ACERCA DE SU AGUA POTABLE. HAGA QUE ALGUIEN LO TRADUZCA PARA USTED, O HABLE CON ALGUIEN QUE LO ENTIENDA.

Steelton Borough Authority Has Levels of Haloacetic Acids Above Drinking Water Standards

Our water system recently violated a drinking water standard. **Although this incident was not an emergency, as our customers, you have a right to know what happened and what we did to correct this situation.**

We routinely monitor for drinking water contaminants.

Testing results we received on 8/19/2016 show that our system exceeded the standard, or maximum contaminant level (MCL), for Haloacetic Acids at one testing site. The standard for Haloacetic Acids is 0.060 mg/L. Compliance with the MCL for Haloacetic Acids is determined by averaging the four most recent quarterly samples collected at specific sample sites to get the Locational Running Annual Average (LRAA). The LRAA for Steelton Borough Authority at site 700 was found to be 0.064 mg/L.

What should I do?

You do not need to use an alternative (e.g., bottled) water supply. However, if you have specific health concerns, consult your doctor.

What does this mean?

This is not an immediate risk. If it had been, you would have been notified immediately. However, some people who drink water containing Haloacetic Acids in excess of the MCL over many years may have an increased risk of getting cancer.

What happened? What was done?

Steelton Borough actually tested below maximum contaminant levels (MCL) for Haloacetic Acids at both sample locations for this quarter and below for the running yearly average at one site. However, because current results are required to be averaged with the results of the previous three quarters (when HAA5 levels were higher) the reported level at site 700 is above the MCL.

Steelton is currently under more stringent Haloacetic Acids reporting requirements than in the past. These new requirements went into effect for Steelton on October 1, 2013 as part of EPA's Stage 2 Disinfection Byproducts Rule to provide additional protection measures beyond previous regulations.

Haloacetic Acids are formed when chlorine used to control microbial contaminants reacts with naturally occurring organic matter in the source water. Haloacetic Acids are also referred to as disinfection by products (DBPs). The formation of Haloacetic Acids is greater in warmer weather and when the source water (Susquehanna River) turbidity levels are higher. Turbidity is a measure of the cloudiness of the water.

During this monitoring period, Steelton Borough water tested below the maximum level for Haloacetic Acids but not low enough to bring down the annual running average.

In an effort to address the issues, we continue to work closely with DEP to optimize the existing treatment system in an effort to continually comply with the more stringent Haloacetic Acids regulatory standards as well as all other treatment standards for the system. Next year, a chlorine contact tank will be installed at the Water

Filtration Plant that is the most foolproof way to eliminate Haloacetic Acids. The Steelton Borough Authority has been awarded PENNVEST loan financing for the project and will commence construction in Spring 2017. Completion of the chlorine contact tank is a major investment that will help prevent future violations once constructed.

The Steelton Water Authority has also made significant progress on a Water System Optimization Project. The Authority will be installing upgrades throughout the water distribution system in 2017 to provide further improvements in addition to construction of the chlorine contact tank.

The Water System Optimization Project includes an in depth modeling of the Borough Water System to maximize distribution, installation of technology and equipment in the water system including flushers, agitators, and other methods of improving distribution, and continues replacement of parts of the system.

Thank you for your patience and understanding as the Steelton Borough Authority makes the capital improvements needed to address the disinfectant by product issue. We continue to move closer to construction of the chlorine contact tank and making the upgrades needed to fully address this issue.

For more information, please contact Mark Handley at 717-939-0425 EXT 5110.

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 Steelton Borough Authority.

PWS ID#: 7220036

Date distributed: 9/14/2016