

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 12/29/2016 show that our system exceeds the standard, or maximum contaminant level (MCL), for Haloacetic Acids. 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 (1700 block of South Cameron Street) was found to be 0.0759 mg/L and at site 701 (800 block of South Front Street) 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 Trihalomethanes in excess of the MCL over many years may have an increased risk of getting cancer.

What happened? What was done?

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, the source water had a rain event up river that increased the turbidity (cloudiness of the water) levels. In order to achieve simultaneous compliance with water filtration and disinfection regulations, increased chlorine dosages were required, which led to the exceedance.

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. Ongoing operation work continues to explore more effective ways to introduce chlorine into the treatment process, improve pretreatment chemical addition to remove organics from the source water, implementation of a more advanced distribution system flushing program and installation of new automatic flushing valves.

In December, the Steelton Borough Authority awarded the bid to construct the chlorine contact tank that will address disinfection byproduct reduction and elimination. The project will commence in early 2017 with a completion date of summer/fall 2017.

The Authority also approved a distribution system study that includes recommended improvements to the system. These improvements will be made in early 2017.

Thank you for your patience and understanding as the Steelton Borough Authority makes the capital improvements needed to address the disinfectant by product 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: _____