



Clearing the Path for Cleaner Water

What is Flushing?

We “flush” water mains at least once a year as part of our Comprehensive Flushing Program to maintain water quality in the distribution system and to remove sediment that accumulates in water mains. Flushing also helps to maximize the effects of corrosion control inhibitors that are added to the water, which prevents the corrosion and deterioration of the water mains. And, flushing enables us to maintain flow characteristics within the water system, which helps maximize fire flows throughout the system.

Easton Suburban Water Authority uses Uni-Directional Flushing to isolate sections of the water system by closing valves. That section of the water system is then flushed using fire hydrants and “blow-off” assemblies—subsurface hydrants installed where fire hydrants are not located, particularly in cul-de-sacs. We also flush sections of the water system occasionally in response to customer complaints or other issues that may arise.

Flushing Notification

When we perform Comprehensive Flushing of the water system, we notify customers with a general schedule of when that section of the water system will be flushed. We email, call, and text with areas that will be flushed and when the flushing is scheduled. We also use a message system that is updated on a daily basis to inform customers of what areas will be flushed each day. The message system can be reached by calling 610-258-7181. The message will be updated by 4 p.m. for the following business day. Visit eswater.net/flushing-schedule.html or [click here](#).

Emergency Flushing

When we need to flush a section of the water system for an unforeseen reason, we do it as soon as possible, and typically we only notify our Critical Care customers who depend on water for the operation of life support systems. When possible, we do this type of flushing at night, normally between 10 p.m. and 6 a.m., to minimize the impact on customers in the affected area.

Planned Water System Improvements

Richmond Road Water System Improvements

We recently opened bids for the replacement of the water main on Richmond Road between the intersection with Elizabeth Avenue and Mecco Road in Forks Township.

The project will consist of replacing the existing 10” cast iron water main on Richmond Road with a new 12” ductile iron water main. Water system construction is anticipated to begin in June and be completed by the end of August. Permanent pavement restoration will be performed in the Fall of 2024.

Dogwood Terrace Water System Improvements

We are finalizing the design of a project in Forks Township to replace the existing 6” cast iron water mains on Acorn Drive, Dogwood Terrace, Oaktree Lane, Paul Eaton Road and Elizabeth Avenue between Johnson Street and Paul Eaton Road with new 8” ductile iron water mains.

The project will be bid in the Spring of 2024, with construction anticipated to begin in the Summer and be completed in the Fall. Permanent pavement restoration should be completed prior to winter.

2024 Southside Water System Improvements



We are currently working to complete the design of a project in the South Side area of Easton to replace the existing cast iron water mains with new 8" ductile iron water mains. The project will include replacement of the water mains and the replacement or reconnection of the water service laterals.

Existing copper water service laterals will be connected to the new water mains and any lead service laterals that are found will be replaced between the new water main and the curb stop.

Construction is anticipated to begin in late Summer/early Fall of 2024 and be completed in the Spring of 2025. The work is planned on the following streets:

- Lachenour Avenue (Madison Street to Charles Street)
- East Madison Street (Lachenour Avenue to Ann Street)
- Folk Street (Cooper Street to East Madison Street)
- East St Joseph Street (Folk Street to Ann Street)
- Charles Street (East Madison Street to Lachenour Avenue)
- James Street (East Madison Street to Lachenour Avenue)



What's That Musty Taste or Smell in Your Water?

Have you ever taken a sip of water and noticed a strange musty odor or taste? You're not alone. These sensations often trigger concerns about water quality among consumers. But fear not, let's shed some light on the mystery behind these peculiar occurrences.

Understanding Geosmin and MIB: What You Need to Know

Geosmin and MIB might sound like technical terms from a science textbook, but they play a significant role in the taste and smell of your drinking water. Geosmin and MIB, short for 2-methylisoborneol, are naturally occurring organic compounds. They're produced by certain algae and bacteria commonly found in bodies of water like lakes, reservoirs and rivers. While they're responsible for that earthy or musty aroma and flavor in water, rest assured, they typically don't pose a direct risk to your health.

What Are Geosmin and MIB?

Think of Geosmin and MIB as the culprits behind the scenes. These compounds are incredibly potent in terms of odor and taste detection. Even at extremely low concentrations, just a few parts per trillion, humans can pick up on their distinctive earthy or musty characteristics. While their presence might not be pleasing to our senses, they're harmless in the amounts typically found in drinking water. The taste or odor is most noticed in the spring and fall when temperatures change, and generally are short-term.

Mitigation Strategies

At the ESWA, ensuring the quality of your drinking water is our top priority. While Geosmin and MIB don't pose a significant health risk, we've implemented advanced treatment processes, source water management practices and regular monitoring to minimize their presence in your water supply. These proactive measures help maintain the high standards of water quality that you expect and deserve.

So, the next time you detect that musty taste or smell in your water, remember it's likely just a trace of Geosmin or MIB making their presence known. While they may not be the most pleasant additives to your drinking experience, rest assured that they don't represent a significant threat to your health. Customers can add lemon juice or chill water in the refrigerator to improve taste and reduce odors.

With our commitment to water quality and ongoing mitigation efforts, you can sip with confidence, knowing that your water is safe and reliable.

A New Look! | Easton Suburban Water Authority is thrilled to reveal a brand-new look!

In addition to our updated logo, we have listened to our customers and took your suggestions on improving how and when we communicate to you. This newsletter is an example of one of our initial tools to keep you in the know.

In order to make sure that you get what you need when and how you need it, please make sure our records are up-to-date and include your phone number(s) including mobile phone, current street address and current email address.



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