



PFAS Update



Agenda

- What are PFAS?
- Prepared for Drinking Water Compliance
- Priorities for Future Compliance

What are PFAS?

WSSCWATER

Per- and Polyfluoroalkyl Substances

- Human-made
- Includes thousands of chemicals
- Used since the 1940s
- Oil, water, stain, flame resistant
- Resistant to degradation

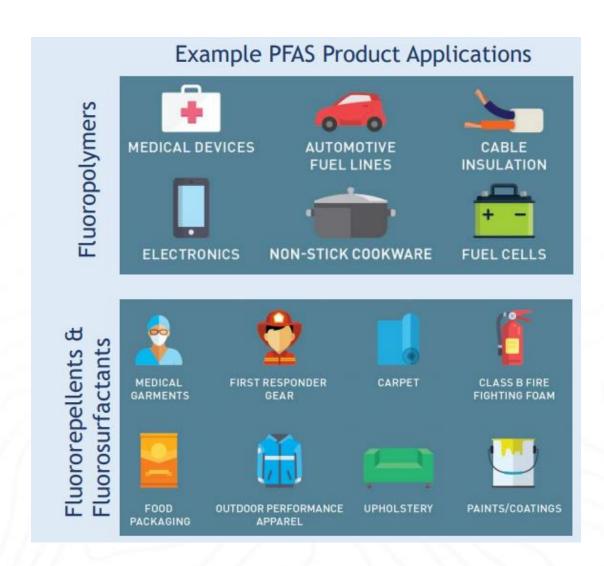


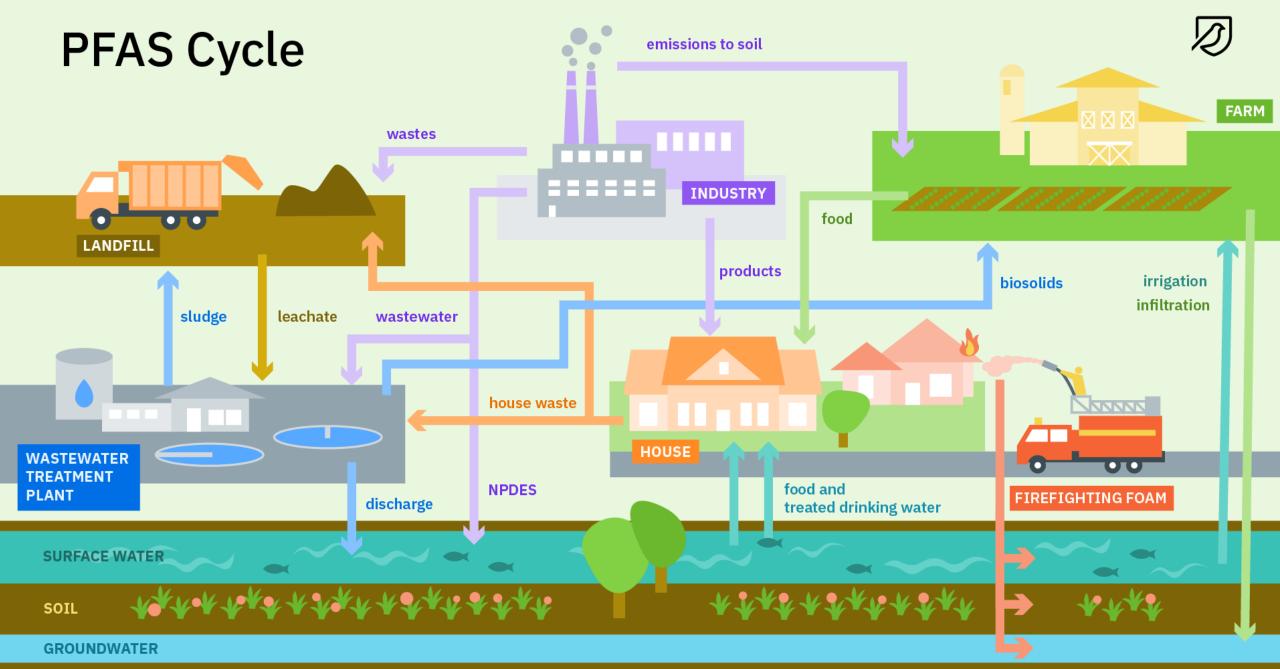
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Completed

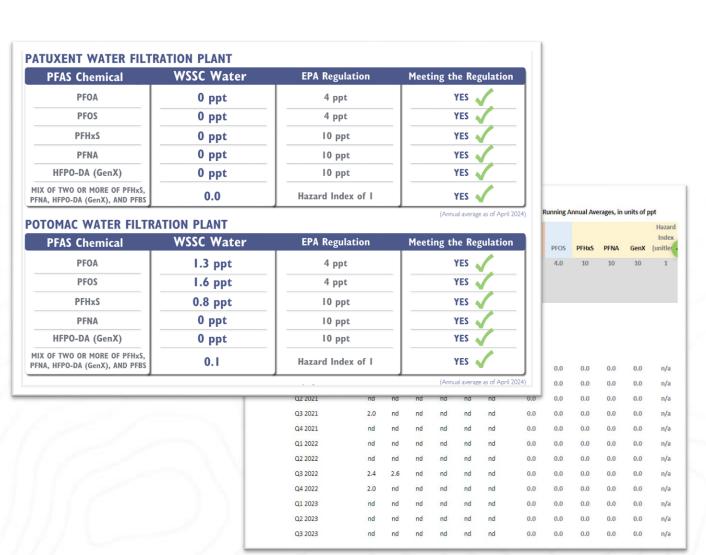
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Prepared For Drinking Water Compliance



- New federal PFAS standards for drinking water do not take effect until 2029, but our drinking water already meets them.
- 4+ years of sampling results at https://www.wsscwater.com/pfas
- FAQs
 - O What are PFAS?
 - O How do they end up in water?
 - O What is WSSC Water doing?
 - O How to limit PFAS exposure in the products I choose and use?



Priorities for Future Compliance in drinking water, wastewater and biosolids

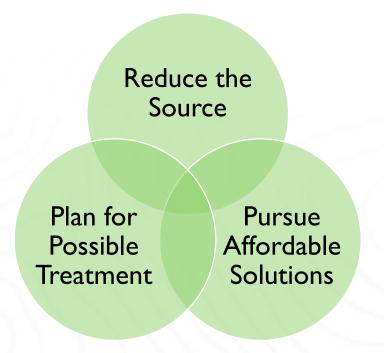


Increasing WSSC Water Capabilities

Enhance our analytical capabilities

Enhance our expertise

Smart One Water Management of PFAS



Priorities for Future Compliance: Increasing WSSC Water Capabilities







- Sampling our raw water, tap water, wastewater and biosolids
- Conducting PFAS treatment tests
- Participating in 8 projects of nearly \$7M of research work funded by NRCS, EPA, NSF, WRF

Chesapeake AWWA

Mid-Atlantic Biosolids Association

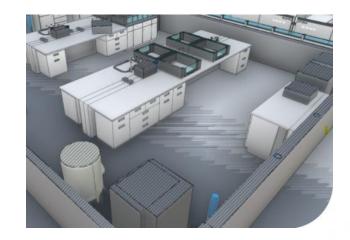


















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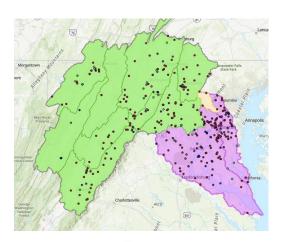






Priorities for Future Compliance: Smart One Water Management of PFAS







Reduce the Source

- Increasing data sets
- Identifying potential sources

Plan for Possible Treatment

- Water Seeking technologies that deliver multiple water quality and resilience benefits
- Wastewater Seeking technologies that retain community and environmental benefits of biosolids
- Planning for multiple scenarios

Pursue Affordable Solutions

- Conducting performance tests to define funding needed
- Developing solutions that can reduce treatment needs
- Promoting data-driven policies





Questions?

