

## Agenda

- Introduction PFAS in the water/wastewater industry
- What are PFAS compounds and where they come from
- What are the health concerns
- Current regulations
- Treatment technologies
- Considerations for design and operation
- Case studies including pilot testing, design, construction, and startup

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### Training Session Dates:

We will email the connection and Zoom information 48 hours prior to each class.

**Thursday,  
December 3, 2020**  
7:30-9:30AM

**Wednesday,  
December 16, 2020**  
1:00-3:00PM

Maine Water Utilities Association  
15 University Dr  
Augusta ME 04330

# PFAS – What to Expect and How to Treat

What you should know, the future, and lessons learned so far

*Live "Virtual" Training Sessions*

**2.0 Maine BLWSO TCHs**  
**2.0 Maine DEP TCHs**





## Your Instructor:

**Thomas Page** – Underwood Engineers

Tom has enjoyed a diverse career path in engineering. He studied mechanical engineering at the University of Maine; this led to testing nuclear submarines at the Portsmouth Naval Shipyard. Tom then switched gears to pursue a graduate degree in environmental engineering at the University of New Hampshire. He joined Underwood Engineers in Portsmouth NH 23 years ago and is currently a Project Manager. He has worked on a variety of water and wastewater projects through all phases of planning, design, and construction. Tom is currently a member of American Water Works Association. Outside of the office he is still always around water, on his sailboat in the summer and skiing in the winter.

### Registration Fees:

**Member: \$55.00**

**Non-member: \$70.00**

Register online: [www.mwua.org](http://www.mwua.org)

Or call us at **207-623-9511** to save your spot today!

## Training that Fits your Needs

Maine Water Utilities Association has partnered with Tom's Water Solutions LLC to offer extensive water and wastewater trainings. Watch for continued development of new and upcoming trainings.

Maine Water Utilities Association was formed as a membership organization in 1925. We are not driven by a profit or the bottom line. Our solemn promise is to always provide what you need at the **best possible price.**

### **Track classes of interest at:**

[www.mwua.org](http://www.mwua.org)

[www.tomswatersolutions.com](http://www.tomswatersolutions.com)

Or contact us for more information!

## **Class Description**

There is growing attention to per- and polyfluoroalkyl substances (PFAS) in the water and wastewater industries. This class will cover the following topics:

- What are PFAS compounds and where they come from,
- What are the health concerns,
- Current regulations,
- Treatment technologies,
- Considerations for design and operation,
- Case studies including pilot testing, design, construction, and startup,
- Lessons learned.

Make sure to bring your questions, as Tom is excited to answer any questions or difficulties you may have.

## Contact Us

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207-623-9511  
[cwade@mwua.org](mailto:cwade@mwua.org)

[www.mwua.org](http://www.mwua.org)