

# PFAS Management in Wastewater

*Presented by: The Environmental Finance Center Network*

Albany Public Library- Meeting Room A

Albany, Oregon

August 27<sup>th</sup>, 2024: 10:00am-3:00pm

## **Course Description:**

Don't slip up with these emerging contaminants! Per- and polyfluoroalkyl substances (PFAS) are an emerging contaminant with a variety of impacts on wastewater systems. PFAS have been used for years due to their slippery properties, but recent evidence has shed a light on their harmful effects on humans and the environment. The EPA is currently working on regulations for PFAS in water and wastewater and this training is designed to help communities understand what this means for them. This training is designed to provide the basics for PFAS, inform participants on PFAS developments from the EPA, and discuss PFAS prevention strategies and technology.

## **Training Objectives:**

Learn the basic of what PFAS is, and how it impacts the sewer system and the environment

Learn about domestic and commercial PFAS

Discuss the EPA PFAS roadmap

Discuss planned PFAS regulations

Introduce available tools for assessing PFAS in your system

Learn about PFAS management planning

Discuss PFAS removal technology and funding

## **Workshop Agenda:** (Hours are subject to change and based on a planned four-hour training session)

10:00am – 10:15 am Introductions

10:15am – 10:45 am PFAS Basics

10:45am – 11:00 am PFAS MCLs

11:00am – 11:30 am PFAS Regulations

11:30am – 12:00 pm PFAS Detection and Monitoring

12:00pm – 1:00pm Lunch

1:00pm – 1:30pm PFAS Treatment

1:30pm – 2:00pm PFAS Related Funding

2:00pm – 2:30pm PFAS Outreach

2:30pm – 3:00pm Interactive Game, Questions, and Closing Summary

## **Presenter Bio:**

A.J. Barney, Research Engineer at the Southwest Environmental Finance Center (SWEFC)

B.S. Civil Engineering/ B.A. Biology

A.J. Barney joined the SWEFC in September of 2022 and has worked in wastewater operations and compliance since 2013. His experience includes the inspection and regulation of industrial and commercial wastewater system users, supervision and training of industrial pretreatment sampling, and acting as a treatment plant operator, control room operator, trainer, and supervisor at the Albuquerque Water Authority Southwest Reclamation Plant. He currently holds a Level 4 New Mexico Environmental Department Wastewater Operator permit. He has developed training for samplers and operators designed to provide trainees with relevant on-the-job training as well as theoretical knowledge for a deeper understanding of wastewater analyses and processes. Through his work in compliance he was charged with developing, revising, and updating both internal and external compliance documents such as standard operating procedures, protocols, ordinances, and enforcement response plans. With the SWEFC A.J. has developed a wide array of educational material for wastewater workers, including educational videos, webinars, in-person training, and podcasts, as well as performing site visits, reviewing preliminary engineering documents, and providing feedback using his engineering and wastewater background.