

" Wastewater Process Control Optimization & Troubleshooting" Live Online Workshop

The activated sludge process is applied in a wide variety of treatment systems including conventional activated sludge treatment plants, oxidation ditches, sequencing batch reactors, and package plants. Working in one of these treatment plants you quickly realize that process control and troubleshooting are essential skills to successfully operate the WWTP.

In this **3 hour LIVE ONLINE workshop** we will discuss commonly encountered problems, solutions, and steps to optimize your treatment process. We will also review traditional troubleshooting tools as well as innovative, state of the art approaches such as DNA sequencing.

We will address:

- Bulking
- Pin floc
- Denitrification
- Dispersed growth
- Limited nutrients
- Foaming
- Toxicity
- Genotyping vs Phenotyping
- Application of Microscopy and DNA sequencing in troubleshooting process
- PCR testing functionality

Where: LIVE ONLINE

Date: 03/16/2023

Time: 12:00pm to 3:15pm PT

Instructor: [Ryan Hennessy](#)

Fee: \$100

Registration: online: www.pro-train.org; phone: (360) 490-2426; email: erika@pro-train.org

Meets professional growth criteria for wastewater.

Professional Training Association is actively seeking approval from other states. All of our classes meet professional growth criteria and continuing education requirements for wastewater. For those classes that are currently undergoing review by the individual states and have not received official approval yet, please contact us for more information.

Approved for CEUs and/or Training credits in the following states:



For more information on training approval in your state please call:
[\(360\)490-2426](tel:(360)490-2426)