

Technical Assistance Webinar Series

A monthly webinar series focused on improving CWA-NPDES permit compliance at Small Wastewater Treatment Systems

4-Part Mini-Series

Optimizing Nutrient Removal and Wastewater Excellence

Featuring Grant Weaver, President of Grant Tech, Inc.
January-April 2022

Click the following titles to **register** and for additional information:

January 27, 2022: [Optimizing Nutrient Removal in Oxidation Ditches](#)

February 17, 2022: [Optimizing Nutrient Removal in Sequencing Batch Reactors](#)

March 31, 2022: [Optimizing Nutrient Removal in Activated Sludge WWTPs](#)

April 28, 2022: [Transitioning from Permit Compliance to Wastewater Excellence](#)

Completion
Certificates Offered

This four-part mini-series will include case studies regarding oxidation ditch, sequencing batch reactor (SBR), and activated sludge wastewater treatment plants (WWTPs) that are operated differently than designed to achieve notable reductions in effluent nitrogen and phosphorus. Mr. Weaver will explain how listeners might modify day-to-day operations at their WWTP to

realize similar improvements. The case studies will be preceded by a brief overview of biological nitrogen removal and biological phosphorus removal science and technology. Mr. Weaver will explore potential barriers of optimizing nutrient removal in WWTPs and how to implement low-cost opportunities. Participants are encouraged to comment and ask questions throughout the webinar.

About the Presenter:

Grant Weaver, PE (President of *Grant Tech, Inc.*) is a licensed wastewater operator and professional engineer. He holds a BS in Biology, an MS in Bio-Environmental Engineering, and completed Post-Graduate studies in Environmental Toxicology at MIT. He has spoken to wastewater operators across the country in countless classroom and webinar presentations. Grant loves to empower wastewater operators to make treatment plants work better than those who design and regulate them believe they can. He has visited and worked with the staffs of over 150 North American municipal wastewater treatment plants to realize significant improvements in nitrogen and phosphorus removal.



Who should attend?

This series is geared toward plant owners and operators of smaller systems with flow of less than 1 million gallons per day. Others include: WWTP owners and operators, design engineers, municipal leaders, NPDES technical assistance providers, permit writers, compliance staff from state, local, tribal, and federal governments.

For additional webinar info, contact:
paradise.laura@epa.gov

Webinar series schedule and recordings:
<https://www.epa.gov/compliance/technical-assistance-webinar-series-improving-cwa-npdes-permit-compliance>