


# Technical Assistance Webinar Series: Improving CWA-NPDES Permit Compliance at Small Wastewater Treatment Systems

Version 12/16/2020



This webinar series supports the joint EPA and Authorized State Significant Noncompliance (SNC) Rate Reduction National Compliance Initiative (NCI), which is aimed at improving surface water quality and reducing potential impacts on drinking water by assuring that all Clean Water Act (CWA) – National Pollutant Discharge Elimination System (NPDES) permittees are complying with their wastewater discharge permits. The most common dischargers in significant noncompliance are wastewater treatment systems discharging less than one million gallons per day.

<b>REGISTRATION:</b>	<b>FREE</b> online registration! See links below. Look for individual webinar flyers for additional details.
<b>PURPOSE:</b>	Help attendees understand the root causes of common problems faced by wastewater treatment system operators and provide suggestions and resources to help them fine-tune their operations and, if needed, fix their noncompliance problems.
<b>INTENDED AUDIENCE:</b>	Plant operators, municipal leaders, technical assistance providers and compliance inspection staff from federal, state, tribal and local governments.
<b>PRESENTERS:</b>	Experts from States, US EPA, and Private Industry
<b>CERTIFICATE OF ATTENDANCE:</b>	A follow-up email will be sent 24 hours after the conclusion of the webinar including a link to download a certificate of attendance. Attendees may check with their relevant states for eligibility of continuing education credits.
<b>SPONSORS:</b>	Office of Compliance, US EPA, US EPA - State Reducing Significant Non-Compliance with NPDES Permits National Compliance Initiative Workgroup
<b>QUESTIONS:</b>	Peter Bahor or Laura Paradise, Office of Compliance, US EPA <a href="mailto:bahor.peter@epa.gov">bahor.peter@epa.gov</a> or <a href="mailto:paradise.laura@epa.gov">paradise.laura@epa.gov</a>
<b>RECORDED PAST WEBINARS:</b>	Links to prior recordings below

## Upcoming Scheduled Webinars

### **January 27, 2021 (1-2:30pm EST)**

#### *Sampling: Dos and Don'ts*

Presenter: Cornell Gayle, US EPA Region 4, Athens, GA

Registration: <https://attendee.gotowebinar.com/register/5204023029261685006>

### **February 24, 2021 (1-2:30pm EST)**

#### *Operating a Laboratory: Dos and Don'ts*

Presenter: Magdeleine Dallemagne, US EPA Region 6, Dallas, TX

Registration: <https://attendee.gotowebinar.com/register/6653321192753121293>

## Past Recorded Webinars

### **General Interest to NDPES Dischargers**

#### *Flow Measurement*

Presenters: Louis Salguero, US EPA Region 4 (Athens, GA) and Cornell Gayle, US EPA Region 4 (Atlanta, GA)

Presented on December 8, 2020

Recording: <https://attendee.gotowebinar.com/recording/11309988110613264>

#### *Asset Management 101 - Finding Financial Assistance for Infrastructure Upgrades*

Presenters: Alison Flenniken (US EPA), Sarah Buck, Rural Community Assistance Partnership (RCAP), and Heather Himmelberger, PE Southwest Environmental Finance Center.

Presented on April 15, 2020

Recording: <https://attendee.gotowebinar.com/recording/4273087420871591174>

#### *Discharge Monitoring Reports—Avoiding Common Mistakes,*

Presenters: Juan Ibarra, Cornell Gayle, Emilio Llamozas, Jake Nguyen (US EPA).

Presented on July 15 and August 20, 2020 (to correct poor audio)

Recording: <https://attendee.gotowebinar.com/recording/4719336312441413633>

#### *The Microbiology of Wastewater Treatment - Life in the Aeration Tank: Bacteria, Protozoa and Metazoa*

Presenter: Jon van Dommelen, OH EPA Compliance Assistance Unit

Presented on November 17, 2020

Recording: <https://attendee.gotowebinar.com/recording/5062683009439756812>

### **Of Interest to Operators of Small POTWs**

*Troubleshooting Noncompliance at the Smallest Wastewater Treatment Plants - Part 1 (Ohio's Package Plant Initiative, Nutrient Conversion)*

Presenter: Jon van Dommelen, OH EPA Compliance Assistance Unit.

Presented on October 17, 2019

Recording: <https://attendee.gotowebinar.com/recording/703651561190809864>

*Troubleshooting Noncompliance at the Smallest Wastewater Treatment Plants – Part 2 of 2 (Solids Separation and Disinfection)*

Presenter: Jon van Dommelen, OH EPA Compliance Assistance Unit.

Presented on November 13, 2019

Recording: <https://attendee.gotowebinar.com/recording/119643760635460353>

*Optimizing Nutrient Reduction in Small Wastewater Treatment Plants*

Presenter: Jon van Dommelen, OH EPA Compliance Assistance Unit.

Presented on December 11, 2019

Recording: <https://attendee.gotowebinar.com/recording/1681811190301242892>

*Alkalinity Testing for Better Process Control in Small Wastewater Treatment Plants– Subset of Ammonia Noncompliance*

Presenter: Jon van Dommelen, OH EPA Compliance Assistance Unit.

Presented on January 29, 2020

Recording: <https://attendee.gotowebinar.com/recording/3324860894793983234>

*Optimizing Performance of Facultative Wastewater Lagoon Systems, Part 1 of 2*

Presenter: Steve Harris, President H&S Environmental, LLC.

Presented on February 19, 2020

Recording: <https://attendee.gotowebinar.com/recording/8160184280240603907>

*Optimizing Performance of Aerated Wastewater Lagoon Systems, Part 2 of 2*

Presenter: Steve Harris, President H&S Environmental, LLC.

Presented on March 18, 2020

Recording: This webinar is available in 2 unedited video files.

Here is the first portion of the webinar covering general troubleshooting principals, which was re-recorded to correct bad audio:

<https://attendee.gotowebinar.com/recording/9058447897536662540>

Fast forward to minute 18 of this file, which covers case studies:

<https://attendee.gotowebinar.com/recording/8367447720252920582>

*When Small POTWs Should Establish a Pretreatment Program*

Presenters: Jan Pickrel (EPA HQ) and Al Garcia EPA Region 8 (Denver, CO).

Presented on June 17, 2020

Recording: <https://attendee.gotowebinar.com/recording/7384083005289820929>

*Best Management Practices for POTW Compliance: Critical Elements of Successful Wastewater Treatment- Part 1, (Sampling and Monitoring - Compliance v. Process Control, Implementing a Process Control Plan and Making Operational Adjustments, Managing Effective and Educated Operators)*

Presenters: Jake Albright PG Environmental, and Bill Ingram Great Barrington, MA WWTP Superintendent.

Presented on August 18, 2020

Recording: <https://attendee.gotowebinar.com/recording/1623734991672921867>

*Best Management Practices for POTW Compliance: Critical Elements of Successful Wastewater Treatment- Part 2, (Creating and implementing effective SOPs, Managing your WWTP to promote compliance, finding technical assistance programs and resources)*

Presenters: Jake Albright PG Environmental, Heather Himmelberger PE, Director Southwest Environmental Finance Center.

Presented on September 15, 2020

Recording: <https://attendee.gotowebinar.com/recording/7160385167586176770>

*Strategies for Small POTWs Handling High Strength Influent (Pretreatment/non-domestic sewage, establishing local limits, examples regarding dairies and breweries)*

Presenters: Justin Pimpare, EPA Region 1 (Boston, MA) and Al Garcia EPA Region 8 (Denver, CO)

Presented on October 20, 2020

Recording: <https://attendee.gotowebinar.com/recording/8027729418373277708>

### **Public Drinking Water Supplies**

*CWA-NPDES Compliance Assistance for Public Drinking Water Systems*

Presenter: Jonathan Moody, EPA Region 5.

Presented on May 13, 2020

Recording: <https://attendee.gotowebinar.com/recording/4758793384526059533>

### **Additional Free Wastewater Operator Training**

[WaterOperator.org](https://www.wateroperator.org) aggregates the best resources on the web for small system operators in a free, user-friendly location. This is supported by the Rural Community Assistance Partnership (RCAP) and the University of Illinois Urbana-Champaign, with funding from the US Environmental Protection Agency.