

Calendar of Events

August 22, 2025

IWEA 2025 Poo & Brew

11:30 AM - 05:30 PM CST

2025 Poo & Brew

Friday, August 22

11:30 a.m. - 5:30 p.m.

Bartlett Wastewater Treatment Plant

(1150 Bittersweet Dr, Bartlett)

Join us for the Annual Poo & Brew Workshop and Networking Event! The program starts at 11:30 a.m. and includes lunch and a facility tour. See below for the programming agenda.

The program ends at 3 p.m. and be followed by a networking event at More Brewery (121 W Railroad Ave, Bartlett, IL 60103) from 3:30-5:30 pm.

Registration is free for attendees thanks to the generosity of Drydon Equipment, Inc.

Attendee Limit: 50 people

Bartlett WWTP requires that attendees fill out the attached waiver before arriving on site on August 22. Email the completed waiver to John Pullia at jpullia@bartlett.il.gov.

Hosted by IWEA's Student and Young Professionals Committee

Programming Agenda:

Village of Bartlett Wastewater Improvements Simplify Operation While Providing Biological Nutrient Removal Flexibility

Phil Severson, Project Manager at Strand Associates, Inc.

The Bartlett Bittersweet Water Reclamation Facility required significant upgrades to address aging infrastructure, convoluted processes, and maintenance issues. The facility aimed to enhance effluent quality, increase wet-weather capacity to 20.5 MGD, and reduce energy use through automation and efficiency. The project's biological nutrient removal design provides the flexibility to operate in the A2O process mode and allows for implementation of sidestream enhanced biological phosphorus removal (S2EBPR)/RAS fermentation

High Performance Grit Management in 15 Minutes

Matt Bodwell, Regional Sales Manager for Hydro International – A CRH Company

Hydro International is the leading expert in Advanced Grit Management for municipal and industrial applications. This presentation will cover Hydro's discoveries in grit behavior and the resultant changes to equipment design, highlighting the HeadCell, Grit King, and Grit Cleanse technologies. The HeadCell and Grit Cleanse were installed and started up about 1.5 years ago at the Bartlett WWTP.

Innovative Applications for Cloth Media Filters, a Condensed Version

Steve Stanish, Regional Sales Manager for Aqua-Aerobic Systems, Inc.

Cloth media filtration is a well-established technology for tertiary treatment of municipal

wastewater, particularly to meet tight limits for suspended solids, phosphorus, or turbidity. More recently, cloth media filters are helping to solve additional challenges in wastewater plants, such as advanced primary treatment or wet weather treatment. The Bartlett WWTP currently operates the AquaDisk Filter.

September 1, 2025

Labor Day

IWEA

12:00 AM - 11:45 PM CST

September 4, 2025

IWEA Nutrient Removal and Recovery Committee Workshop

IWEA

08:00 AM - 03:30 PM CST

IWEA's Nutrient Removal and Reuse Committee invites you to the annual seminar on September 4, 2025. This annual event features a networking breakfast and lunch, vendor booths and several presentations including case studies.

Approved for 6 PDH/TCH. Full agenda coming soon.

REGISTER early and save!

Members \$85 / Non-members \$120

Booths \$225

After Friday, August 22, prices increase.

Members \$110 / Non-members \$145

Booths \$275

Hosted by IWEA's Nutrient Removal and Reuse Committee

September 16, 2025

- September 19, 2025

IAWA Annual Conference

IWEA

08:00 AM - 05:00 PM CST

See Illinois Association of Wastewater Agencies :: Home (ilwastewater.org) for more information.

September 25, 2025

IWEA Pretreatment Coordinators Workshop
Starved Rock Lodge and Conference Center
One Lodge Ln
Oglesby, IL 61348
08:00 AM - 03:00 PM CST
IWEA Pretreatment Coordinators Workshop
September 25, 2025
Starved Rock Lodge and Conference Center
Oglesby, IL

Sharing Updates to 40 CFR 136 Sample Preservation and Analysis

Presenter: Christina Smith (City of St. Charles)

Will discuss how to access 40 CFR 136, identify information needed to review lab reports, get tips on creating compliance friendly COCs, see a tool to ensure lab reports are in compliance, and have an opportunity to spot errors using the recently updated 40 CFR 136.

From Paper to Portal: Electronic Pretreatment Annual Reports

Presenter: Lisa Lucht, PE (Village of Bensenville)

The 2025 Annual Pretreatment Reports are required to be submitted electronically by April 28, 2026. The transition to electronic submissions requires thoughtful planning and process adjustments. This session outlines the step-by-step process and tips for successful submission of your Pretreatment Annual Report in the CDX system and NeT PPR database.

USEPA Region 5 Pretreatment Approval Authority Updates

Presenters: USEPA Region 5 Pretreatment Karly McMorrow (Program Coordinator) and Newton Ellens (Enforcement)

USEPA Region 5 Pretreatment Program and Enforcement staff will share the latest program updates, and helpful information for navigating program submittals and inquires to EPA.

Facilities Site Inspections – Insights for Regulating Industries

Presenter: Eduardo Gasca, PE (Terracon)

This presentation focuses on understanding general and specific sources of wastewater from multiple industries considering the point of generation in the manufacturing processes. A brief discussion on what to inspect for compliance with the Pretreatment program will be presented.

Permit me to Explain: The IU Permit Playbook and Hands-On Exercise

Presenter: Joy Hall (Bloomington Normal Water Reclamation District)

Join Joy Hall for a review of the EPA IU Permit Playbook where we will clarify permit requirements, their purpose, and who needs them. We'll discuss common errors and essential elements. Finally, put your knowledge to the test with a hands-on exercise reviewing mock permits for mistakes and omissions.

Enforcement - Your Burning Questions and Group Discussion

Presenter: Nichie Schaeffer, PE, BCEE (Baxter & Woodman)

Enforcement was the most requested topic from the Pretreatment Coordinator Survey. This session will include a brief presentation on the overview of required and optional enforcement approaches and a moderated group discussion with audience-sourced questions.

Hosted by IWEA's Industrial Pretreatment Committee

Registration Coming soon

4.25 PDH/TCH

September 27, 2025
- October 1, 2025

WEFTEC 2025 Chicago
IWEA
08:00 AM - 05:00 PM CST

October 8, 2025
- October 9, 2025

Wastewater Microbiology Workshop
Woodland Park (Sycamore Room)
2100 Willowcreek Road
Portage, IN 46368

08:00 AM - 03:00 PM CST

Wastewater Microbiology & Process Control Series

October 8 and 9, sessions from 8 a.m. – 3 p.m. each day

Woodland Park (Sycamore Room)

2100 Willowcreek Road,

Portage, IN 46368

The wastewater treatment process is a biological process. The microorganisms are responsible for removing most of the organic pollutants from the wastewater therefore it is important to understand the conditions that allow them to do their best work and to do our best to create those conditions. The objective of this class is to teach the operators, lab personnel and consultants how using the microscope and knowledge of wastewater microbiology can be an additional tool to help optimize and troubleshoot wastewater treatment plant processes.

The following subjects will be covered over a 2 day period:

Wastewater Microbiology & Process Control

The participants will learn the role of bacteria, protozoa and metazoa in the treatment process along with the conditions that allow them to do their best work of removing nutrients from the wastewater. The participant will also learn how to anticipate potential treatment system upsets and to troubleshoot and correct existing treatment system problems. Participants will learn simple tools, and simple procedures for routinely monitoring wastewater treatment processes. Includes materials and standard operating procedures.

Identification and Control of Filamentous Bacteria

The participants will learn a simplified method to identify filamentous bacteria, determine the conditions that favor their growth and methods to control and eliminate bulking and foaming caused by these microorganisms.

Microbiological Monitoring Biological Nutrient Removal Systems

Participants will gain an understanding the role and requirements for biological phosphorus and ammonia removal processes as well as methods to monitor the system microbiology.

*Instructor/Presenter: Toni Glymph-Martin, Environmental Microbiologist
with Wastewater Microbiology Solutions LLC*

Toni Glymph-Martin has considerable knowledge of the principles, practices and procedures of environmental science as it relates to water quality monitoring and regulations; water and wastewater treatment; and environmental research. She has spent 27 years of her career working in public utilities and have worked 15 years as an environmental regulator. Her experience provides her with a unique perspective and a thorough understanding of the issues and challenges of both the regulated community

and regulating agencies. She has more than 43 years of water quality related experience.

Currently, she work as a Environmental Microbiologist and Consultant with Wastewater Microbiology Solutions. She has provided technical assistance, consulting services and microscopic evaluations for more than 30 Industries and 80 municipalities. In addition, she is a certified operator with more than 12 years of actual hands on experience in operations.

Members \$280, non-members \$330
12 CEUs/PDHs for attending both days

October 13, 2025	Columbus Day IWEA 12:00 AM - 11:45 PM CST
November 11, 2025	Veteran's Day IWEA 12:00 AM - 11:45 PM CST
November 27, 2025	Thanksgiving IWEA 12:00 AM - 11:45 PM CST
December 25, 2025	Christmas IWEA 12:00 AM - 11:45 PM CST <i>Widely celebrated around the world....</i>
January 1, 2026	New Year's Day IWEA 12:00 AM - 11:45 PM CST
January 19, 2026	Martin Luther King Day IWEA 12:00 AM - 11:45 PM CST
February 16, 2026	President's Day IWEA 12:00 AM - 11:45 PM CST
March 10, 2026 - March 12, 2026	IAWA Mini-Conference IWEA 08:00 AM - 05:00 PM CST <i>See Illinois Association of Wastewater Agencies :: Home (ilwastewater.org) for more information.</i>
April 5, 2026	Easter IWEA 12:00 AM - 11:45 PM CST

May 25, 2026	Memorial Day IWEA 12:00 AM - 11:45 PM CST
July 4, 2026	4th of July IWEA 12:00 AM - 11:45 PM CST
September 7, 2026	Labor Day IWEA 12:00 AM - 11:45 PM CST
September 26, 2026 - September 30, 2026	WEFTEC 2026 New Orleans IWEA 08:00 AM - 05:00 PM CST
October 12, 2026	Columbus Day IWEA 12:00 AM - 11:45 PM CST
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