



Fall Conference



Fort Wayne, IN
October 26 & 27

Sponsored By



AGENDA AT A GLANCE

Tuesday, October 25, 2022

12:00pm **Board of Directors Meeting**

3:00pm - 8:00pm **Info Desk Open / On-Site Registration
Exhibitor Set-Up**

5:30pm - 7:30pm **Pre-Conference Hospitality Event**
Sponsored by Carson Law

Location: Harrison Building across from Convention Center

Wednesday, October 26, 2022

7:00am - 5:30pm **Info Desk Open - Lobby**
(closed for lunch 12:15-1:15pm)

7:30am **Conference Kick-Off! - Exhibit Hall**
Opening Remarks, Continental Breakfast

8:15am - 12:15pm **Staggered Training Sessions**

9:15am - 12:15pm **Staggered Breaks - Exhibit Hall**

12:15pm - 1:15pm **Lunch in Exhibit Hall**
*Best Tasting Water in Indiana Taste Test
Apprentice Group Photos*

1:15pm - 2:45pm **Concurrent Breaks - Exhibit Hall**

1:30pm - 3:45pm **Concurrent Training Sessions**

3:45pm - 5:15pm **RECEPTION in Exhibit Hall**
Friends, Fun, Food & Drinks

8:00pm - 10:00pm **Hospitality Event - Hilton Hotel**

5 TOTAL CONTACT HOURS WEDNESDAY

Thursday, October 27, 2022

7:00am - 3:00pm **Info Desk Open - Lobby**
(closed for lunch 12:00-1:00pm)

7:00am - 8:30am **HOT BREAKFAST BUFFET**
Exhibit Hall

7:30am **Annual Membership Meeting - Exhibit Hall**
WIN a Kindle Fire! (MUST be present to win)

8:00am - 12:00pm **Staggered Training Sessions**

9:00am - 12:00pm **Staggered Breaks - Exhibit Hall**

12:00pm - 1:15pm **Lunch - On Your Own**

12:00pm **SPORTSMAN'S RAFFLE DRAWINGS**
Exhibit Hall - Must be present to win Grand Prize

12:15pm - 2:15pm **Exhibitor Tear Down**

1:15pm - 2:15pm **Concurrent Training Sessions**

2:15pm - 2:30pm **Concurrent Sessions Break**

2:30pm - 3:30pm **Concurrent Training Sessions**

3:30pm **Shotgun Raffle - Info Desk area**
Must be present to win

5 TOTAL CONTACT HOURS THURSDAY





Fall Conference HIGHLIGHTS

Pre-Conference Hospitality Event

Sponsored by Carson Law  **CARSON^{LLP}**

Tuesday Night 5:30pm - 7:30pm

Location: Harrison Building, 2nd Floor

Across from the Grand Wayne Convention Center,

Join us in the Carson Law Gathering Space for some pre-conference fun with networking, drinks & hors d'oeuvres!

Fort Wayne Water Plant Tours

Wednesday, October 26

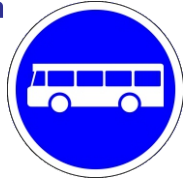
8:30am - 10:30am & 1:30pm - 3:30pm

Fort Wayne Wastewater Plant Tours

Thursday, October 27

8:30am - 10:30am & 1:30pm - 3:30pm

Tour the Fort Wayne Water & Wastewater Treatment Plants! These tours are worth 2 hours of continuing education credit.



Space is limited on the shuttles - so you must sign up early for this tour at the registration desk!

Best Tasting Water In Indiana

Wednesday 12:15pm - 1:15pm in the Exhibit Hall



Join us for lunch on Wednesday, where we will hold the Final Taste Test to discover where the tastiest water in Indiana comes from! Regional winners will compete for bragging rights and **an all-inclusive trip** to Washington, DC to compete in the National Great American Water Taste Test.

Regional Winners: Three Rivers Water Filtration Plant, Garrett Water Works, Hamilton Water Department, Franklin County Water

Hospitality Event

Hilton Hotel - Atrium / Lobby

Wednesday 8:00pm - 10:00pm

Stop by for an evening of fun complete with friends, snacks and drinks! *Sponsored By:*



COMMONWEALTHTM
ENGINEERS, INC.
A MEMBER OF THE COMMONWEALTH GROUP



covalen
smart infrastructure.

Midwestern Engineers, Inc.



**JONES
PETRIE
RAFINSKI**



**AMERICAN
PUMP REPAIR
& SERVICE, INC.**



**WET ENVIRONMENTAL
ENGINEERING**



LWG
CFAS • ADVISORS



EJP
WATER • WASTEWATER • STORMWATER
SOLUTIONS



NATIONAL WATER SERVICES
NWS
WATER SUPPLY SPECIALISTS



**WATER
SOLUTIONS
UNLIMITED, INC.**



W3 TECHNOLOGIES



BRENTNAG



WATER & AIR QUALITY



**PEERLESS
OF
MIDWEST**



WESSLER
ENGINEERING



**M.E. SIMPSON
Co., Inc.**



Triad Associates
ENGINEERING • ARCHITECTURE



TANK
ENGINEERING



RTMAN
Drilling & Water Services



ABONMARCHE





Fall Conference HIGHLIGHTS

Sportsman's Raffle

Exhibit Hall

Raffle Drawings - Thursday 12:00pm

Shotgun Drawing - Thursday 3:30pm

The Grand Prize is \$1,500 CASH!

We have many other fantastic prizes available to win! Prizes will be raffled off Thursday at the beginning of the lunch break.

Raffle tickets can be purchased in the Exhibit Hall - \$1 for 1 ticket, \$5 for 6 tickets and \$20 for 30 tickets.

Registration Packet Tickets



Make sure to use your tickets in your packet! You'll get a **free t-shirt**, a ticket to play Plinko, a chance to win a Kindle Fire, AND one FREE Sportsman's Raffle ticket!!!

Membership Meeting

Exhibit Hall

Thursday 7:30am

During this meeting, three (3) members of the Alliance Board of Directors will be elected to fill three open Director seats. (Only registered voters will be permitted to cast a ballot.)

This is the time to deposit your Kindle Fire drawing ticket!

GET THE OFFICIAL CONFERENCE MOBILE APP

Download our FREE & ALL-NEW Conference Mobile App! You'll have the full agenda, speaker bios, an interactive exhibit hall map, and much more - all right at your fingertips!



To download the App, search "Alliance Conference" Available in the Google Play Store and the App Store!

BONUS! Be active on the app & complete various tasks, and you'll rack up points. **The top three attendees with the most points at 3:00pm on Thursday will win awesome prizes!**

NEW! Social Wall

Use the hashtag #AIRWFALL22 when you post on social media. You may see yourself featured on our all-new social wall!



#AIRWFALL22

WEDNESDAY

October 26, 2022

Info Desk Hours Today: 7:00am - 5:30pm
(closed for lunch 12:15-1:15pm)

Exhibit Hall Hours Today: 7:30am - 5:15pm

7:30 am **Conference Kick-Off**

Continental Breakfast

Exhibit Hall

Let's kick-off Fall Conference 2022 with a warm welcome from Alliance Executive Director, Connie Stevens, along with a special guest speaker, and grab yourself a light breakfast.

to 8:15 am **Energy Efficiency for the**
9:15 am **Water and Wastewater**
Industry

Kim Anderson & Dave Phillips, Duke Energy

Harrison A - Administrative

1 Technical Water Hour

1 General Wastewater Hour

This session will provide information on electric utility rebates for water and wastewater operators.

to 8:30 am **Lights...Camera...ACTION:**
9:30 am **Activating your AMP**

Josh Hawley & Adam Hershberger, Ziptility

Harrison DE - Water

1 Technical Water Hour

1 General Wastewater Hour

Discover best practices and lessons learned from a former utility director in regards to Asset Management Plans. Hear tips and practical advice on how to put some ACTION into your AMP.

to 8:45 am **The Wonderful World of**
9:45 am **Pumps**

Bob Jordan, Covalen

Harrison BC - Wastewater

1 Technical Water Hour

1 Technical Wastewater Hour

What exactly is a pump? What kinds of pumps will I see in my WWTP or WTP? Why are there so many kinds? In this session, you'll learn how to utilize specific pumps, troubleshoot, and apply preventative maintenance.



WEDNESDAY

October 26, 2022

to 9:15 am **Staggered Breaks**

12:15 pm **Exhibit Hall**

Grab a refreshment and tour the Exhibit Hall. Make sure to thank our vendors for being here. Without them, we couldn't provide the quality training you've come to expect at an Alliance event.

to 9:30 am **A Step-by-Step Guide to**
10:30 am **Developing an Asset Management Plan**

Dr. Tom Iseley, Purdue University

Harrison A - Administrative

1 Technical Water Hour

1 General Wastewater Hour

The signing of the Indiana Senate Bill 272 made asset management a mandatory requirement that must be implemented if funding is to be obtained for any project. This presentation will present the core components of asset management, and it will provide a step-by-step guide to developing an asset management plan.

to 9:45 am **U.S. EPA Regulatory Updates:**
10:45 am **Lead and Copper, CCR, Disinfection Byproducts, and PFAS**

Stacy Jones, IDEM

Harrison DE - Water

1 Technical Water Hour

1 General Wastewater Hour

Participants will learn about the upcoming EPA regulatory changes over the next several years.

to 10:00 am **Use of Polymers in Wastewater**
11:00 am *Kristine Harvey, Water Solutions Unlimited*

Harrison BC - Wastewater

1 Technical Water Hour

1 Technical Wastewater Hour

This session will provide an overview of equipment used for sludge de-watering, explain polymer characteristics and how they relate to equipment used, the product testing and process of selection, troubleshooting issues with polymer storage and feed systems, and other possible uses of polymers in a wastewater system.



WEDNESDAY

October 26, 2022

- 10:45 am **Data Management on a**
to 11:45 am **Budget**
Jeffrey M. Weaver, GISP, Abonmarche Consultants
Harrison A - Administrative
1 Technical Water Hour
1 General Wastewater Hour
Learn how to manage data for better decision making.
- 11:00 am **How to Achieve LCRR**
to 12:00 pm **Compliance with Confidence**
Megan Glover, 120Water
Harrison DE - Water
1 Technical Water Hour
1 General Wastewater Hour
As a part of LCRR, service line inventories are due in October 2024 or earlier to the EPA. During this session, we will discuss methods of verification and best practices to efficiently and effectively validate your service line inventory to ensure you are maintaining compliance with the new revisions.
- 11:15 am **Monoform Plus**
to 12:15 pm *Mike Ingham, HK Solutions Group*
Harrison BC - Wastewater
1 Technical Water Hour
1 Technical Wastewater Hour
The session will provide information on trenchless rehabilitation of manholes and other structures.
- 12:15 pm **Water Taste Test Luncheon**
to 1:15 pm **Exhibit Hall**
Join us for lunch as we hold the final Water Taste Test to discover where the tastiest water in Indiana comes from! Four regional winners will compete for bragging rights and **an all-inclusive trip** to Washington, DC to compete in the **National Great American Water Taste Test**.
***During the Luncheon, we will be recognizing our Apprentices and doing group photos!**
- 1:15 pm **Session Breaks**
to 1:30 pm **Exhibit Hall**
The Exhibit Hall is conveniently located just across from the classrooms. 

WEDNESDAY

October 26, 2022

to 1:30 pm **Exploring the Statewide Rate**
2:30 pm **Comparison, Trends and**
Affordability

*Alex Hilt & Tyler Coffel, Baker Tilly
Municipal Advisors*

Harrison A - Administrative

1 Technical Water Hour

1 General Wastewater Hour

Summarize the results of the 2022 Utility Rate Survey, evaluate trends in Indiana utility rates, and discuss affordability considerations.

to 1:30 pm **Basics of Asset Management**
2:30 pm **and Cybersecurity**

*Travis Goodwin, IDEM
Sherri Winters, AIRW*

Harrison DE - Water

1 Technical Water Hour

1 General Wastewater Hour

This session will help you determine your own utility's assets and help you establish a plan to manage your inventory and budget for upcoming needs. Integrated into the session is how Cybersecurity plays a role in AM and how you can keep your utility, programs and financial data secure.

to 1:30 pm **Optimizing Blower Filtration**
2:30 pm **for Reliability, Efficiency,**
and Value

Rob Geyer, Endustra Filter Manufacturers

Harrison BC - Wastewater

1 Technical Water Hour

1 Technical Wastewater Hour

Attendees will learn the benefits of blower efficiency enhancements and plant operating cost savings to be gained from a filter maintenance protocol, as well as the implications and consequences to plant operation.

to 2:30 pm **Session Breaks**
2:45 pm **Exhibit Hall**

Make sure to check out the Exhibit Hall several times throughout the day. You never know what might be new or who you might run into!



WEDNESDAY

October 26, 2022

to 2:45 pm **Reducing Your Days of**
3:45 pm **Exposure**

Gary Sanders, Utility Information Pipeline

Harrison A - Administrative

1 Technical Water Hour

1 General Wastewater Hour

Days of Exposure is the number of days of service a customer will owe for if they are disconnected for non-payment, and they skip out without paying. This directly impacts potential write-offs for bad debt. Attendees will complete a worksheet calculating their utility's Days of Exposure. The presentation will then examine specific strategies to reduce key components of their Days of Exposure, thus reducing the likelihood for write-offs.

to 2:45 pm **Ground Penetrating Radar**
3:45 pm **(GPR) for GIS Data**
Collection and Asset
Management Integration

Greg Grabner & Philip Bernard, Frontier Geospatial, LLC

Harrison DE - Water

1 Technical Water Hour

1 Technical Wastewater Hour

This session will show how GPR can be used to locate underground assets and improve utility mapping systems.

to 2:45 pm **Solar, Energy Storage &**
3:45 pm **Demand Shaving: Optimizing**
the Design and Understanding the
Financial Benefits for Water Utility
Systems

Bryce Vincent, Amerlight Energy, LLC.

Harrison BC - Wastewater

1 Technical Water Hour

1 Technical Wastewater Hour

This session will go over the US electric rates and usage statistics, critical components and infrastructure needed for a solar array, and key benefits of renewable energy, as well as the presentation of a case study demonstrating energy and financial savings.



WEDNESDAY

October 26, 2022

to 3:45 pm **Reception**
5:15 pm **Exhibit Hall**

Time to relax & wind down! We'll have some live music, snacks, drinks, & plenty of fun!

to 8:00 pm **Hospitality Event**
10:00 pm **Hilton Hotel - Atrium / Lobby Area**

Join us for a light snack and a nightcap.

THURSDAY

October 27, 2022

Info Desk Hours Today: 7:00am - 3:00pm
(closed for lunch 12:00-1:00pm)

Exhibit Hall Hours Today: 7:00am - 12:15pm

to 7:00 am **Hot Breakfast Buffet**
8:30 am **Exhibit Hall**

7:30 am **Annual Membership Meeting**
Exhibit Hall

WIN A KINDLE FIRE HD!

Bring your ticket from your registration packet!
Must be present to win.

to 8:00 am **Legislative Update 2022**
9:00 am *Andrew D. Boxberger and Christopher L. Nusbaum, Carson LLP*

Harrison A - Administrative

1 Technical Water Hour

1 General Wastewater Hour

This session will provide updates on the current state of legislation in Indiana, including changes to various laws and their effects on tap/capacity fees, connections, health departments, and limitations on local governance.



THURSDAY

October 27, 2022

to 8:15 am **Taking Tanks Offline and**
9:15 am **Maintaining System Pressure**

Jamie Mays, Maguire Iron

Harrison DE - Water

1 Technical Water Hour

1 General Wastewater Hour

Taking a water tank out of service for maintenance while maintaining proper system pressure for your customers can be difficult. There are many factors to consider with your tank and system that will determine the best way to accomplish this task. This presentation will discuss and show the multiple ways a water tank can be taken offline, along with the different ways that system pressure can be maintained.

to 8:30 am **Troubleshooting**
9:30 am **Pretreatment & Operations**
Issues

William Boetcker, Aqua Indiana

Harrison BC - Wastewater

1 Technical Water Hour

1 Technical Wastewater Hour

This session will provide real-world scenarios that have occurred in Pretreatment and Operations. With each scenario, the instructor will allow the audience to provide their ideas on how to solve the problem. After the discussion, the instructor will provide the way the problem was actually resolved and how to achieve successful end results.

to 9:00 am **Staggered Breaks**
12:00 pm **Exhibit Hall**

to 9:15 am **House Bill 1245**
10:15 am *Bonnie Mann, LWG*

Harrison A - Administrative

1 Technical Water Hour

1 General Wastewater Hour

This new law allows customers and developers to challenge your tap fees and capacity fees. Learn what is allowed and what isn't, how to ensure your fees are in compliance with the laws, how the new challenge rules work, and what you should be doing before your fees are challenged.



THURSDAY

October 27, 2022

to 9:30 am **PFAS Sampling**

10:30 am *Kevin Spindler, IDEM*

Harrison DE - Water

1 Technical Water Hour

1 Technical Wastewater Hour

Per- and polyfluoroalkyl substances (PFAS) are a class of synthetic organic chemicals that consist of carbon-fluorine chains of varying length. Beginning in Feb. 2021, IDEM facilitated PFAS monitoring at all Community Public Water Systems (CWS) throughout Indiana. Sampling results will be shared with all systems and posted on the project's website for public viewing.

to 9:45 am **Settleability**

10:45 am *Pat Beamon, Brenntag North America*

Harrison BC - Wastewater

1 Technical Water Hour

1 Technical Wastewater Hour

This session will cover the ability for floc forming bacteria to clump together to become slightly more dense than water causing settling and compaction. It will also cover the water chemistry that could complicate the settling, as well as undesirable filamentous bacteria growth, which can cause bulking and foaming. Nutrient deficiencies, zoogloeal growth, de-nitrification problems and scum and foam production will be included.

to 10:30 am **Bond Market Update and**

11:30 am **Current Trends in Utility**

Financing

Scott Hadler, Baker Tilly Municipal Advisors

Harrison A - Administrative

1 Technical Water Hour

1 General Wastewater Hour

This session will discuss the new developments related to the major utility project funding sources, including bonds sold on the open market or issued through the Indiana State Revolving Loan Fund Program, Rural Development, WIFIA and more.



THURSDAY

October 27, 2022

10:45 am **IN Uplands Drinking Water:**
to 11:45 am **Formative Research with Water**

Professionals to Support Reliable, Safe, and Affordable water

Ginger Davis, Michelle Del Rio, Alyson Alde, and Julia Valliant, IU and Indiana Geological and Water Survey

Harrison DE - Water

1 Technical Water Hour

1 General Wastewater Hour

Discussed will be preliminary findings from a rapid, mixed methods assessment of water utility leaders' firsthand views of opportunities and challenges they face in working to provide safe, reliable, palatable water to the rural southern Indiana Uplands region.

11:00 am **Optimizing Biological**
to 12:00 pm **Treatment of Wastewater**

Jase Hixson, August Mack Environmental

Harrison BC - Wastewater

1 Technical Water Hour

1 Technical Wastewater Hour

This presentation will discuss low-cost ways to optimize the biological treatment of wastewater to maintain permit compliance, reduce energy and chemical costs, and keep making that clean water that we are so proud of.

12:00 pm **RAFFLE DRAWINGS**

Exhibit Hall

Must be present to win Grand Prize.

12:00 pm **LUNCH**
to 1:15 pm **On Your Own**

1:15 pm **Managing the Generation Mix**
to 2:15 pm *Gary Larimore, Rural Water Financing Agency*

Harrison A - Administrative

1 Technical Water Hour

1 General Wastewater Hour

Organizations today are faced with the challenge of capitalizing on a multi-generational workforce in order to create high-performing, results driven teams. This presentation explores the similarities and differences of the 5 distinct generations in today's workplace.



THURSDAY

October 27, 2022

to 1:15 pm **The Importance of Water Audits**
to 2:15 pm *Chad Reynolds, AIRW*
Todd Gardner, BBP Water Corp.

Harrison DE - Water

1 Technical Water Hour

1 General Wastewater Hour

Learn what you gain by doing your Water Loss Audit and things you may find to prepare for the next one. Also discussed will be how this information can be helpful in preparing for a Rate Analysis.

to 1:15 pm **Introduction to Combined Storm**
to 2:15 pm **and Sewer Modeling**

James Portz, RQAW

Harrison BC - Wastewater

1 Technical Water Hour

1 Technical Wastewater Hour

Learn about modeling combined storm and sewer systems in PCSWMM.

to 2:15 pm **Session Breaks - Exhibit Hall**
to 2:30 pm

to 2:30 pm **Financial Resources for Utilities**
to 3:30 pm *Rochelle Owen, USDA Rural Development*

Harrison A - Administrative

1 Technical Water Hour

1 General Wastewater Hour

This session will provide resources on what funding sources are available, as well as assist utilities in planning for the funding of future needs and finding alternative sources for capital funding.

to 2:30 pm **Chlorine Myth Busters**
to 3:30 pm *Grady Willis & Julie Dawson, HF Scientific*

Harrison DE - Water

1 Technical Water Hour

1 Technical Wastewater Hour

Reveal some of the myths around chlorine measurement & how that affects your plant.

to 2:30 pm **Lagoons, Still Lots of Life Left**
to 3:30 pm *Isaiah LaRue, Nexom*

Harrison BC - Wastewater

1 Technical Water Hour

1 Technical Wastewater Hour

Learn the benefits of lagoon systems and what can be done to upgrade them.

3:30 pm **SHOTGUN RAFFLE**

Info Desk Area - Outside Exhibit Hall

Must be present to win.





Fall Conference EXHIBITORS

120Water
Abonmarche Consultants
Accu-Dig Services
Advanced Rehabilitation Tech.
Alliance of Indiana Rural Water
American Flow Control
American Pump Repair & Service
Ampstun Corporation
August Mack Environmental
Best Equipment
Blue River Technologies
Brenntag North America
C&S Solutions
Commonwealth Engineers
Covalen
Culy Contracting
Diamond Maps
DLZ Indiana
Eco Infrastructure Solutions
Edmunds GovTech
Etna Supply Company
Everett J. Prescott
FACO
Ferguson Waterworks
Fleis and VandenBrink
Flow-Technics
Ford Meter Box Company
Frey Municipal Software
Frontier Geospatial
Gripp
GRW Engineering
Hawkins Water Treatment Group
HF Scientific
HK Solutions Group
HML
HydroCorp Meter Sales
IDEM - Office of Water Quality
Indiana Bond Bank
Indiana Department Of Natural Resources
Indiana Housing & Community Development Authority (IHCDA)
Indiana Pump Works
Jones & Henry Engineers
Jones Petrie Rafinski Corp.
Layne Christensen
Living Waters Co.
Lochmueller Group
LWG
M.E. Simpson Co.
Maguire Iron
Midwest Meter
Midwestern Engineers
mPower Innovations
MuniBilling
National Water Services
Nexbillpay
Nexom/Environmental Dynamics
Ortman Drilling & Water Services
P J Operating Corp.
Peerless-Midwest
Pelton Environmental Products
Precision Controls
RQAW
Rycom Instruments
Seiler Instrument Company
ServLine by HomeServe
Silversmith Data
Software Solutions
Tank Engineering
The Henry P. Thompson Company
Triad Associates
Trumbull Unconventional Solutions
Unconventional Solutions
Underground Solutions
United Systems & Software
USDA Rural Development
VEGA Americas
Veolia Advanced Solutions
Water Solutions Unlimited
Watersurplus
Wessler Engineering
Wet Environmental Engineering
Work One
WTH Technology
Ziptility

Thank you Exhibitors!





Fall Conference SPONSORS

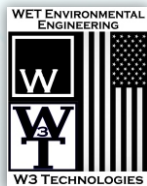
Conference Sponsor



Platinum Sponsors



**COMMONWEALTH
ENGINEERS, INC.**
A wealth of resources to master a common goal.



covalen
smart infrastructure.



Midwestern Engineers, Inc.



Gold Sponsors



Silver Sponsors



INDIANA PUMP WORKS, LLC
We Make Flow Happen

