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PRESIDENT'S LETTER

By Trevor Dickerson

Another install season is coming to a close, at least I think it is. One would never know with temperatures in the 50s and 60s in the middle of November. Lately it seems like the seasons are slipping as the cyclical nature of our seasons come around.

And like everything else cyclical it again is coming time for the Annual IOWWA conference. This upcoming 2024 conference is in Cedar Rapids. Details pertaining to the conference can be found in this newsletter or at www.IOWWA.com. We hope to see you there in January. This year we have some speakers and topics that we hope you will find very informative and helpful. As always the Tuesday before the conference we provide some pre-conference training and certifications, such as the Plumbing Licensing classes for those of you who have master plumbing licenses that need renewing. We also offer the Certified Installer

Exam (CIOWTS).

This exam is only for those who want or need to be a certified installer but

don't have time for installer class or have taken the test at an earlier time and need to retake it. Also available this year on the pre-conference day, DMACC is offering a training session for new county sanitarians and other sanitarians who may want a refresher on processes and management of their wastewater programs. Information for that training can be found on the DMACC Onsite Wastewater Training website.

As the year comes to a close it is a time to reflect and give thanks to those around you. I hope everyone finds that it has been a prosperous year. We look forward to seeing you at the conference and as always, stay safe.



YOUR 2024 IOWWA MEMBERSHIP

It's time to join/renew your membership for the 2024 calendar/membership year (January 1 through December 31). Member dues are paid annually. If you are attending the 2024 conference, membership information is included on the registration form (page 7). If not, you can join/renew online at www.iowwa.com/pages/membership application or email penny@iowwa.com and request a membership application.

WINTER | 2023

IOWWA'S ONSITE OBSERVER



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www.wastewatersupply.com

IOWWA 2024–2025 SCHOLARSHIP APPLICATIONS AVAILABLE!

The Iowa Onsite Wastewater Association annual offers scholarships to:

1. High school seniors wanting to attend a college or a trade school on a part-time (minimum 6 credit hours per quarter or semester) or full-time basis.
2. Students already attending a college or trade school on a part-time (minimum 6 credit hours per quarter or semester) or full-time basis, planning on continuing their education the following year.

You are eligible if you are a student and an IOWWA member or are related to an IOWWA member (primary or associate member) and attending or planning on attending a college or trade school. Scholarships are awarded one time only per individual.

Download the application from the IOWWA website:

<https://www.iowwa.com/pages/scholarship> or email penny@iowwa.com to request the application. Deadline for application submittal is April 1, 2024.

ADVERTISE HERE!

Keep your company's name and products in front of your Iowa peers! Be an advertiser in IOWWA's Onsite Observer. IOWWA offers reasonable rates with discounts for putting your message in four issues for the year and for being an IOWWA conference sponsor.

To get an advertising prospectus, email pam@schoffner.com.

OFFICIAL NOTICE TO MEMBERS OF THE IOWA ONSITE WASTE WATER ASSOCIATION

The Annual Business Meeting of the Iowa Onsite Waste Water Association (IOWWA) will be held on Thursday, January 11, from 12:15 to 1:30 p.m. in Grand Ballroom A & B of DoubleTree by Hilton Cedar Rapids Convention Complex in Cedar Rapids, IA.

CHAPTER 69 PROPOSED CHANGES RELEASED

The Iowa DNR finally released the new proposed Chapter 69 changes for Private Septic Systems and On-site Wastewater. The web address shown takes you to the page where you'll find the document on the proposed changes: <https://www.iowadnr.gov/Environmental-Protection/Water-Quality/Water-Quality-Rulemaking>

It is the policy of the Iowa Onsite Waste Water Association (IOWWA) that no individual be excluded from any association activity based on the grounds of race, color, national origin, gender, religion, age, or disability.

2023 BOARD OF DIRECTORS

PRESIDENT » TREVOR DICKERSON

Ground N Down, LLC, Cedar Rapids
319-855-2837, trevor@groundndown.com

VICE PRESIDENT » JEFF SHERMAN

Floyd County Environmental Health
641-257-6145, jsheeran@floydcoia.org

SECRETARY » AMBER MEIXNER

Fairfield Precast Concrete, Fairfield
641-472-3959, amber@fairfieldprecastconcrete.com

TREASURER » WILL BOSTON

Wastewater Supply, Riverside
319-560-4504, will@wastewatersupply.com

PAST PRESIDENT » KURT LEICHTY

Leichty & Son Construction, Inc., Mount Pleasant
319-256-8009, leisonpumping@live.com

ANDY BARBER

Crystal Heating, Plumbing & Excavating, Waverly
319-352-3241, shovel1@yahoo.com

MATT DOBLER

Lynn County Public Health Department
319-256-8009, matthew.dobler@lynncountyia.gov

RICK MIENE

Miene's Septic Service Inc., Robins
319-393-4142, mieneseptic@mchsi.com

ZACH PERRIN

Cedar Rapids Winpump, Cedar Rapids
319-362-7012, zdperrin@winsupplyinc.com

BRANDON ROGERS

Rogers Septic & Maintenance Repair, Des Moines
515-282-0777, brandon@rogersseptic.com

CONTACT IOWWA » MATT VINSAND

Executive Director, Urbandale
515-225-1051, matt.vinsand@gmail.com or
contactus@iowwa.com • www.iowwa.com

Penny Andorf
Administrator
515-225-1051, penny@iowwa.com

25TH IOWWA ANNUAL CONFERENCE

WHAT YOU NEED TO KNOW

DATES

Wednesday, January 10, and Thursday, January 11, 2024.
Pre-conference with CIOWTS credential testing, DMACC session and sessions with IDPH CE hours available on Tuesday, January 9.

LOCATION

DoubleTree by Hilton Hotel Cedar Rapids Convention Complex,
350 First Avenue NE, Cedar Rapids IA

GETTING THERE

Conveniently located in downtown Cedar Rapids, Iowa, just off I-380, only 15 minutes from Eastern Iowa Airport, the hotel overlooks the Cedar River and downtown Cedar Rapids.

- + From Interstate 380 from the north: Follow I-380 South toward Cedar Rapids. Take Exit 20B on to 7th Street E toward the US Cellular Center. Turn right onto 1st Avenue NE. DoubleTree by Hilton is on your right.
- + From Interstate 380 from the south: Follow I-380/IA-27 North toward Cedar Rapids. Take Exit 19C towards 1st Street W merge onto E Avenue NW. Turn right onto 1st Street NE. Turn left at the 1st cross street onto 1st Avenue SE. DoubleTree by Hilton is on the left.
- + From US-30 from the east: Head west on US-30, take Exit 252C onto I-380/IA-27 towards Cedar Rapids. Take 19A toward downtown, US-151. Turn right onto 1st Avenue SW. DoubleTree by Hilton is on your left.
- + From US-30 from the west: Head east on US-30, take exit 248 onto US-151 Williams Blvd. toward Amana Colonies. Turn left onto Williams Blvd. SW towards Cedar Rapids. Business US-151 N. DoubleTree by Hilton is on your left.

PARKING

The hotel offers self-parking, \$12 per day.

Parking Locations & Rates: Information on Park Cedar Rapids lot and ramp locations, rates and hours of operation can be found at www.parkcedarrapids.com/parking.

Off-Street Parking: Cedar Rapids offers a variety of off-street parking options to fit the needs of those visiting downtown. Off-street public parking current rates are \$.75/hr. Select facilities offer your first hour of parking for free (Convention Center Ramp and 5 Seasons Ramp). For public parking locations visit www.parkcedarrapids.com/FindaSpace.

On-Street Parking: Metered on-street parking spaces are enforced 9:00 a.m. to 5:00 p.m. Monday-Friday.

Current metered parking rates: \$1.00 per hour in the core downtown areas and \$1.00 per hour in the non-core areas. Time limitations and restrictions vary at metered parking spaces and are posted at each stall.

BOOKING YOUR ROOM

IOWWA has a room block at the DoubleTree by Hilton Cedar Rapids Convention Complex. Room rate is \$146.00 + tax (single- or double-occupancy) through December 2 (released to the public date). Call 319-731-4444 or reserve on-line at <https://book.passkey.com/e/50637100>. You can also just use Group Code "IWW" at the hotel web site.

JOIN IOWWA AND SAVE \$\$ ON THE CONFERENCE REGISTRATION FEES.

The 2024 IOWWA membership dues — which can be paid on the conference registration form (page 7) — MUST be paid to qualify for member registration rates for the conference. Membership expires each year on December 31 so yearly renewal is required. To check your membership status, visit the IOWWA web site at www.iowwa.com and use the "member search" on the home page. If listed, your membership year expiration will be shown.

GREAT TOPICS AND SPEAKERS

Come celebrate 25 years of moving the industry forward as members share and learn together! Take a look at the topics and a number of expert speakers online at www.iowwa.com. Register online or use the form on page 7.

EXHIBITORS

An exhibit hall will be open throughout the conference for viewing state-of-the-art technology and learning from knowledgeable company representatives. Many activities take place in the exhibit hall, including the Wednesday night President's Reception. These provide great opportunities to meet and visit with attendees. Exhibitors have the option to sign-up for the Wednesday morning opening vendor product showcase. A slide show also runs continually during the conference highlighting the conference exhibitors and sponsors. The exhibit contract can be found on page 8 or on the IOWWA web site, www.iowwa.com/pages/conference. Links for technology utilities and the exhibit hall set-up companies are also available. Sponsorships do not include booth space.

SPONSORS

Opportunities to be sponsors are available to all companies for happenings during the conference. Receive special recognition throughout the conference as well as specific inclusion in the conference program and on the IOWWA web site. A slide show also runs continually during the conference highlighting the conference sponsors and exhibitors. The sponsor contract can be found on page 6 or on the IOWWA web site, www.iowwa.com/pages/conference.

CONFERENCE CE CREDITS

Each conference attendee receives a punch card listing all programs presented and the number of CE hours that can be earned by attending various workshops on Wednesday and Thursday. There are 5.0 hours available for Wednesday and 4.0 hours for Thursday. These can be used for CIOWTS credential renewal, county CE requirements and Time of Transfer inspector CE requirements. Your attendance is indicated on the card as you exit each session attended.
NOTE: Continuing education hours are based on actual class time only.

AND YOU WON'T WANT TO MISS...

- + Auction of products you'll use in your business. If you are interested in donating items for the auction contact penny@iowwa.com

- + Ever-popular raffle – Contact either Amanda Winters, Winters Septic Service (amanda.wintersseptic@gmail.com) or Penny Andorf (penny@iowwa.com)
- + Iowa's Roe-D-Hoe competition
- + Black-out Bingo
- + Huge exhibit area and exceptional vendors ready to interact

CANCELLATION POLICY

Written notice of cancellation of conference registrations must be received 7 days prior to the conference to receive a refund, less \$50 processing fee. The conference will be held in inclement weather.

EXHIBIT HALL SET-UP INFORMATION

Set-up: Tuesday, Jan. 9, 11:00 AM to 5:00 PM

- + Loading dock doors #6 and #7 are located on the A Avenue side of the Alliant Energy PowerHouse Arena.
- + Vehicles/Large Equipment: Drive-in door #1 is located on the A Avenue side of the arena. Loading in through the drive-in door will be scheduled in advance. You will be contacted for your assigned move-in time.

Tear Down: Thursday, Jan. 11 after 12:30 PM until 5:00 PM

- + Loading out through the drive-in door will be scheduled in advance
- + Counters, Freight Storage, etc. are NOT included. R & D Events, 1220 Capital Dr SW, Cedar Rapids, IA 52404, Phone: 319-202-8374, Email: office@randdevents.com. Freight and storage information will be posted on the website www.iowwa.com/pages/conference, also included with your confirmation.

Power, Internet and other Event Technology are NOT included. DoubleTree by Hilton Hotel Cedar Rapids Convention Complex, Erik Hagen, Director, Event Technology, Ph: 319-731-4519.

SPONSORS TO DATE:

- + Advance Pump & Equipment, Inc., *Lanyard Sponsor*
- + Altorfer, *President's Reception*
- + Cam Spray, *Entrance Graphics and Full Scholarship*
- + Des Moines Winsupply, *Program Printing And Full Scholarship*
- + Fairfield Precast Concrete, *Swag Bags*
- + Headwater Wholesale, *Full Scholarship*
- + Housby, *Roe-D-Hoe Contest*
- + Iowa Water And Waste Systems, *Platinum Plus*
- + Moorman Construction, *Two Full Scholarships*
- + Municipal Supply, *Full Scholarship*
- + Premier Tech Water and Environment, *Platinum Plus*
- + Rexco Equipment, *Welcome and Keynote*
- + Swales Precast, *Abm Luncheon*
- + Wastewater Supply, *Popcorn Refreshment*
- + Ziegler Cat, *Full Scholarship*

EXHIBITORS TO DATE:

- + Advance Pump & Equipment, Inc
- + Advanced Drainage Systems
- + Allied Systems, Inc
- + Altorfer
- + Ashland Pump
- + Cam Spray
- + Cedar Rapids Winpump
- + Central Sales, Inc
- + Concrete Sealants
- + Contractor Solutions
- + Crust Busters
- + Des Moines Area Community College
- + Des Moines Winsupply
- + Eljen Corp
- + Headwater Wholesale
- + Imperial Industries
- + Indianola Precast LLC
- + Infiltrator Water Technologies
- + Iowa Environmental Health Association
- + Iowa Pump Works
- + Iowa Step and Tank
- + Iowa Water and Waste Systems
- + Kahn Tile Supply LLC
- + Mack McClain & Associates
- + Martin Equipment
- + Mid-Tech Services Inc
- + Municipal Supply
- + Polylok
- + Premier Tech Water and Environment
- + Prinsco
- + Quinn Equipment
- + Rexco
- + Roth North America
- + T. G. Rankin Co. Inc
- + Wastewater Supply
- + Waterloo Biofilter Systems Inc
- + Wieser Concrete
- + Wieser Precast Steps

SPONSORSHIP CONTRACT



25th IOWWA CONFERENCE | JANUARY 10–11, 2024
DoubleTree by Hilton Cedar Rapids Convention Complex
350 First Avenue NE, Cedar Rapids IA

NOTE: Exhibit space is not included with sponsorships. To exhibit, complete the IOWWA Exhibit Contract.

Company: _____ Work Phone: _____

Contact Person: _____ Cell Phone: _____

Contact Email: _____ Website: _____

Address: _____ City: _____ State: _____ Zip: _____

A SPONSORSHIP PACKAGES (EXHIBIT SPACE NOT INCLUDED)

SOLD OUT! PRESIDENT’S RECEPTION\$1,500.00

SOLD OUT! CONFERENCE LANYARDS\$1,500.00

SOLD OUT! CONFERENCE PROGRAM PRINTING....\$1,500.00

SOLD OUT! WELCOME AND KEYNOTE.....\$1,500.00

SOLD OUT! BUSINESS MEETING LUNCHEON.....\$1,500.00

SOLD OUT! ENTRANCE GRAPHICS \$1,000.00

SOLD OUT! POPCORN REFRESHMENT \$1,000.00

SOLD OUT! PLATINUM PLUS\$1,500.00

REFRESHMENT BREAKS.....\$1,500.00

Company logo in the conference program as well as featured on signage at entrance and on refreshment tables. IOWWA newsletter ad 10% discount. Submit company logo (130 dpi or higher).

INTERNET ACCESS.....\$1,500.00

Company logo in the conference program as well as featured on signage at entrance and on refreshment tables. IOWWA newsletter ad 10% discount. Submit company logo (130 dpi or higher).

PRE-CONFERENCE ACTIVITIES\$1,500.00

This includes the Iowa DPH plumbing approved sessions as well as the CIOWTS credential testing. Company logo in the conference program and featured on signage at entrance. IOWWA newsletter ad 10% discount. Submit company logo (130 dpi or higher).

B SCHOLARSHIP (FULL SCHOLARSHIP)..... \$500.00

Company logo in program and on sponsor board; 10% off IOWWA newsletter ad. Submit company logo for the sponsor board (130 ppi or higher).

AUCTION/RAFFLE

CHECK BOX if interested in donating to the auction or raffle.

SPONSOR / EXHIBIT SLIDE SHOW

Provide up to two (2) slides. Email to penny@iowwa.com by 12/01/2023. PowerPoint format is preferred, but any basic imaging format will be accepted. The slide show will be in the wide screen 16:9 format and landscape position. Exhibitors shall be the copyright holder or hold rights to the use of all images, logos, ads, etc. The IOWWA assumes no responsibilities in the use of the exhibitor’s information presented. By submitting the slides, you approve the use of the slides for this presentation. NO videos.

PAYMENT

Payment due with contract. Must be received prior to conference trade show date. Invoice emailed on request only.

SPONSORSHIP TOTAL

A Sponsorship Packages \$ _____

B Scholarship \$ _____

TOTAL DUE \$ _____

PAYMENT OPTIONS

Credit Card Visa/MasterCard/Discover.

Email to penny@iowwa.com or fax: 1-480-802-6643

Card # _____ - _____ - _____ - _____

Exp. Date: (month/year) ____ / ____

Billing Statement Zip Code (must include) _____

Cardholder email: _____

Check payable to “IOWWA”

Mail to: IOWWA, c/o Penny Andorf

P.O. Box 322, Hudson, Iowa 50643

Iowa Onsite Waste Water Association (IOWWA)

P.O. Box 322, Hudson, Iowa 50643 | Ph: 515-225-1051

Fax: 1-480-802-6643 | Email: penny@iowwa.com

CONFERENCE REGISTRATION



25th IOWWA CONFERENCE | JANUARY 10–11, 2024
 DoubleTree by Hilton Cedar Rapids Convention Complex
 350 First Avenue NE, Cedar Rapids IA

Company: _____ Phone: _____ Fax: _____
 Address: _____ City: _____ State: _____ Zip: _____ County: _____

2024 IOWWA MEMBERSHIP AND FEES

PROFESSION: Mark those that most closely represent your work involvement in the onsite wastewater industry:

- Installer Pumper/Maintenance Manufacturer Regulator Other

CATEGORIES: Check one of the below active staff person categories (one active or multiple active)

<input type="checkbox"/> ONE ACTIVE STAFF PERSON* \$139.00 For any sized firm with only one active staff	First	Last	One Active: \$139.00
	Email		
	Cell Phone		
<input type="checkbox"/> MULTIPLE ACTIVE STAFF PERSONS* PRIMARY MEMBER: \$169.00	For any sized firm with multiple active staff persons.		Multiple Active: Primary: \$169.00
	Associate Members: \$99.00 / EACH		
First	1) First	Last	Associate: _____ @ \$99 = \$ _____
Last	2) First	Last	
Email	3) First	Last	
Cell Phone	4) First	Last	
Use additional sheet if more than four Associate Members			MEMBERSHIP TOTAL \$ _____

*IOWWA Membership includes National Onsite Wastewater Recycling Association (NOWRA) membership and IOWWA scholarship support (\$5.00) for one active/ primary member only.

2024 CONFERENCE REGISTRATION AND FEES

ATTENDEES FIRST AND LAST NAME Include IDPH Plumbing license # if applicable for Jan. 9	PRE-CONFERENCE JAN. 9 IDPH plumbing approved <input type="checkbox"/> Safety Discipline <input type="checkbox"/> Plumbing / Plumbing Code		CONFERENCE Jan. 10 (5 CE Hours) Jan. 11 (4 CE Hours)		
	Member	Non-Mbr	Member	Non-Mbr	
1)	<input type="checkbox"/> \$175	<input type="checkbox"/> \$200	<input type="checkbox"/> \$175	<input type="checkbox"/> \$350	\$ _____
2)	<input type="checkbox"/> \$175	<input type="checkbox"/> \$200	<input type="checkbox"/> \$175	<input type="checkbox"/> \$350	\$ _____
3)	<input type="checkbox"/> \$175	<input type="checkbox"/> \$200	<input type="checkbox"/> \$175	<input type="checkbox"/> \$350	\$ _____
4)	<input type="checkbox"/> \$175	<input type="checkbox"/> \$200	<input type="checkbox"/> \$175	<input type="checkbox"/> \$350	\$ _____
TOTAL PRE-CONFERENCE AND CONFERENCE DUE					\$ _____

PAYMENT

<input type="checkbox"/> CHECK PAYABLE TO "IOWWA" Mail to: IOWWA, c/o Penny Andorf, P.O. Box 322, Hudson, Iowa 50643 <input type="checkbox"/> CREDIT CARD PAYMENT VISA/MASTERCARD ONLY Email to penny@iowwa.com or fax: 1-480-802-6643 Credit Card # _____ Exp. Date: _____ / _____ Billing Statement Zip: _____ Cardholder email: _____	2024 MEMBERSHIP TOTAL \$ _____
	PRE-CONFERENCE, JAN. 10 \$ _____
	CONFERENCE, JAN. 10 AND 11 \$ _____
	TOTAL DUE \$ _____

EXHIBIT CONTRACT



25th IOWWA CONFERENCE | JANUARY 10–11, 2024
 DoubleTree by Hilton Cedar Rapids Convention Complex
 350 First Avenue NE, Cedar Rapids IA

Company: _____ Work Phone: _____

Contact Person: _____ Cell Phone: _____

Contact Email: _____ Website: _____

Address: _____ City: _____ State: _____ Zip: _____

Indemnification: The IOWWA DoubleTree by Hilton undertakes no duty to exercise care, nor assumes any responsibility, for the protection and safety of the exhibitor, his officials, agents or employees, or the protection of the property of the exhibitor or his representatives, or of property used in connection with the exhibit, from theft or damage or destruction by fire, accident or other cause. Small and easily portable articles shall be properly secured or removed after exhibition hours and placed in safekeeping by the exhibitor. Any protection exercised by IOWWA or DoubleTree by Hilton shall be deemed purely gratuitous on its part and shall in no way be construed to involve it in liability by the exhibitor. The exhibitor agrees to indemnify and hold IOWWA and the DoubleTree by Hilton harmless from all such claims and from all claims or liability of any nature whatsoever arising from the activities of the exhibitor, any of his representatives or from the property of the exhibitor.

Signature Required (electronic accepted) _____ Date _____

A EXHIBIT SPACE

Size	Booth	Floor	# of spaces	Fee	Total
10' x 10'				\$600.00	\$
10' x 20'				\$900.00	\$
20' x 20'				\$1,800.00	\$
30' x 30'				\$2,200.00	\$

SPECIFICATIONS:

- + **Booth space: 10-ft wide x 10-ft deep booth with 8-ft. draped backdrop, 30-in. draped side rails, 1 table, 2 chairs, wastebasket.**
- + **One-line ID sign available at set-up.**
- + **Floor space: Includes 2 tables, 2 chairs and wastebasket.**

CHECK BOX if you will have a vehicle/large equipment.

Type/Description: _____

- 1) Less than ¼ tank of fuel (must be less than 5 gallons)
- 2) Once in the building, battery must be disconnected
- 3) Fuel tank must be locked/sealed to prevent tampering
- 4) Vehicle may not be refueled inside the building

B

BOOTH STAFF

One complimentary registration for contact person (or attendee as named above)

Additional Booth Staff: \$75.00 each. Includes meals and breaks (no sessions).

Additional Booth Staff Names (first and last name):

_____ X \$75.00/EACH..... TOTAL \$ _____

C

SCHOLARSHIP (OPTIONAL)

IOWWA, ONE FULL SCHOLARSHIP \$500.00

EXHIBIT/SPONSOR SLIDE SHOW

Provide two JPG slides. Email to penny@iowwa.com by 12/01/2023. PowerPoint format is preferred, but any basic imaging format will be

accepted. The slide show will be in the wide screen 16:9 format and landscape position. Exhibitors shall be the copyright holder or hold rights to the use of all images, logos, ads, etc. The IOWWA assumes no responsibility in the use of the exhibitor's information presented. By submitting the slides, you approve the use of the slides for this presentation. NO videos.

VENDOR PRODUCT SHOWCASE

CHECK BOX TO PARTICIPATE

Vendors will have three (3) minutes during the "Welcome", Wednesday, Jan. 10 to showcase company/product. You will be required to confirm participation with a sign-up at the trade show.

AUCTION/RAFFLE

CHECK BOX if interested in donating to the auction or raffle.

PAYMENT

Payment due with contract. Must be received prior to conference trade show date. Invoice emailed on request only.

EXHIBIT OPTIONS TOTAL

- A** Exhibit Space \$ _____
- B** Booth Staff (_____ x \$75/each)..... \$ _____
- C** Scholarship \$ _____

TOTAL DUE \$ _____

PAYMENT OPTIONS

Credit Card Visa/MasterCard/Discover.

Email to penny@iowwa.com or fax: 1-480-802-6643

Card # _____ - _____ - _____ - _____

Exp. Date: (month/year) ____ / ____

Billing Statement Zip Code (must include) _____

Cardholder email: _____

Check payable to "IOWWA"

Mail to: IOWWA, c/o Penny Andorf
 P.O. Box 322, Hudson, Iowa 50643

Email completed contract
 to penny@iowwa.com

LOOK WHO'S TALKING!

Come learn from an impressive group of industry experts assembled by IOWWA for this do-not-miss conference in January!

Your own expertise will be enhanced each time one of them steps to the podium. For more details about their topics visit the annual conference section of www.iowwa.com.



KEYNOTE

+ Allison Blodig, REHS

"Building a Business You Can Live On and Pass On"

At the January conference, keynote speaker

Allison Blodig, REHS,

will facilitate an interactive session about the common challenges you face living off your business, what the future looks like, and how IOWWA and NOWRA are working to provide free training on better business practices as a new benefit to members.

Blodig started her career in the onsite wastewater treatment industry in 1997 as a regulatory official before moving on to wastewater treatment system manufacturing. There she worked in sales, regulatory affairs, design reviews and training for a national manufacturer. For three years she had her own company, GYST – Get Your “Stuff” Together — Consulting, and specialized in regulatory consulting, market research and training across the U.S. Today she is a wastewater treatment systems specialist with Infiltrator Water Technologies, a leading developer of decentralized wastewater treatment technology. Along with a degree in biology from Benedictine College in Atchison, KS, she has been a registered environmental health specialist and is a member of the National Environmental Health Association.

For the National Onsite Wastewater Recycling Association (NOWRA), Blodig is currently president and has served as chair and member of various committees. She has participated in the NSF Joint Committee on wastewater, participating in task forces and annual meetings. Allison has received awards for being a woman in manufacturing, as well as the Raymond Peat Lifetime Achievement award for outstanding achievement in the Kansas onsite wastewater field.

SESSIONS

+ Dr. Amber Anderson, Iowa State University

Telling the Story of Soil

This interactive session will give attendees a chance to submit photos or bring in soil samples for discussion. Dr. Anderson will discuss identification of major soil properties and what those features can communicate about soil function for wastewater use. Texture, color, and unusual features will be covered in this session. Have your questions, samples, and photos ready!

+ Allison Blodig, REHS

Characterizing Commercial & High Strength Wastewater

Determining the influent BOD for high strength applications is difficult but critical for long term performance. This presentation will discuss how to gather facility information to help flush out BOD expectations. The presentation is based on known facility practices and the presenter's experience in design and troubleshooting.

+ Claude Goguen, National Precast Concrete Association

Precast Concrete Tanks Design

Precast concrete tanks are used in multiple applications in onsite wastewater treatment, including septic tanks, grease interceptors, pump tanks and secondary treatment tanks. During this session, we will discuss designing for the tank function, as well as external conditions. We will also examine how we can design multiple function tanks.

+ Dr. Sara Heger, University of Minnesota

Separation Distance After Advanced Pretreatment

The separation distance from a limiting condition such as bedrock or a water table has typically been based on the potential number of bacteria and viruses present in septic effluent. This presentation will discuss the research related to how much separation is needed after effluent has undergone advanced pretreatment in an aerobic treatment unit or media filter. The research supports reducing the typical separation required due to the significant reduction in disease causing organisms.

Design and Management Considerations for Septic Systems

Serving Vacation Home Rentals

U.S. short-term rental supply hit record highs in 2022. That means more of your customers may be renting out their vacation homes either part time or full time. Vacation home rental can create numerous challenges, resulting in more frequent maintenance and management. Unaware property owners could irreparably damage their system if these issues are not addressed. The first concern is an overall increased hydraulic loading. The second concern is peak loading of water and cleaning products. The third concern is having renters who do not understand how septic systems work and the limitations and rules around proper use. On the design-side, increasing design flows, incorporating time dosing and upsizing components are all items to address with new systems. On the management

Continued on page 10 »

« Continued from page 9

and maintenance side of things, rental properties that are heavily used should have more frequent service visits. These visits can help alert owners of system abuse and needed maintenance before serious problems arise. On conventional systems annual service visits to measure the accumulation of sludge and scum is advisable along with an evaluation of overall system performance. Advanced treatment systems may also need increased maintenance.

Evaluating Septage and Septic Tank Performance with Bioaugmentation at Rest Areas

With support from the Minnesota Department of Transportation, the University of Minnesota has collected and analyzed the septage pumped out of rest area septic tanks. Due to the predominance of toilet flushing it is assumed that this septage is higher in concentration in many contaminants than typical residential septage. Data from thirty systems has been analyzed for organic content (BOD, COD, FOG) and nutrients (ammonia, TKN, phosphorus), along with selected metals and at five sites PFAS were also tested. This data will help maintainers of commercial systems in maintaining similar commercial systems and potentially impact rates for land application or inform WWTP accepting septage. At one of these rest areas, a bioaugmentation product is being tested to determine if it can positively impact sludge production and downstream treatment of a commercial aerobic treatment unit. Data will be presented on the wastewater effluent from the septic tank and after the aerobic tank along with sludge and scum measurements from the system.

Challenging Wastewater Streams

More septic systems are being negatively impacted by the use and disposal of varying chemicals, cleaners, medicines, and anti-bacterial products. This presentation will discuss challenges related to RV parks, convenience stores, breweries/distilleries, salons, dog grooming, medications in-home health care, and others. Data from related studies will be included and potential solutions offered.

+ Dennis Hallahan, P.E., Infiltrator Water Technologies *The Top 10 Myths of Onsite*

The myths seem to abound in the onsite industry more so than any other. This presentation will discuss various myths and then the facts and science to address these common misconceptions. This will allow the decentralized industry to have a more professional stance and raise the level of the industry. For example, we often hear: “Those septic systems

fail”, but what is the rate of centralized system failures? What is the expected design life and if a system reaches its design life does that constitute a failure? Or the myth regarding system start up: Does one need to “start-up” their septic system with a dead chicken or any other foreign substance? or does a distribution pipe or a d-box yield equal distribution? These are some of the myths that will be addressed.

System Drainfield Malfunction: Causes, Investigation, Prevention and Correction

The lifespan of an onsite wastewater treatment system drainfield is influenced by numerous factors, including siting, vertical separation distance, maintenance, wastewater flow volume, septic tank volume and other factors. The presentation will review methodologies to diagnose problem site systems. The presentation is a learning tool on the potential causes, how to investigate and once the problem is understood then what to recommend as a proper solution. The presentation will review malfunction investigation basics, septic tank investigation, function of the tank, drainfield investigation, Biomat, and malfunction issues and examples.

+ Sgt. Job Huisman, IA DOT and Rick Miene, Miene Septic Service

Iowa DOT - Motor Vehicle Enforcement Safety

This session will cover the information on the Iowa Department of Transportation’s enforcement on CDL’s and pre trip inspections.

+ Tyler Jass, Iowa One Call

Iowa One Call

This session will review safe excavating and damage prevention. It will also review the Iowa One Call requirements.

+ Sam Lines, MBA, Concrete Sealants, Inc.

Microbially Induced Corrosion in Concrete Tanks

Hydrogen sulfide gas in a septic tank is a nuisance and a health hazard. Bacteria above the liquid converts the gas into acid, causing spotty corrosion of concrete. Research over the past decade has provided information that is leading to modifications that reduce the gas in tanks. After attending this presentation, you will know how to mitigate the exposure to the gas and stop the acid that damages the tank.

Watertight Precast – From Walls to Joints to Risers

Concrete is a porous building material. Liquids and gas will absorb into the material, and in some cases, seep through. Precast concrete is installed in sections with joints. These joints need to be leak resistant. This course will describe and demonstrate products to improve the watertightness of concrete.

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**+ Cory Lyon,
Orengo Systems, Inc.**

AdvanTex Media Filters and Building for the Future

The wastewater challenges faced by installers and designers are only increasing. Understanding how current technologies can be used today and in the future is paramount. This presentation will delve into how AdvanTex media filter systems can be adapted to a wide range of applications, ranging from remote off-grid applications to high performance nutrient removal projects, while being sustainable.

**+ Rick Miene, Miene Septic Service, Jeff Sherman,
Floyd County Environmental Health and
Wayne Vanden Berg, Advance Pump & Equipment**

Tips, Tricks, and Requirements for Septic Pumping

This session will be an open forum in the exhibit hall, walking around equipment and discussing equipment needs, PPE, and ways to improve operations as well as state and county requirements for pump trucks.

+ Scott Moore, Eljen Corporation

The Dirt on Soil

This session is a very basic soil training that includes “What is Soil” and “CLORPT” (climate, organisms, parent material, time and topography). These five soil factors affect all the soils on the planet and describe the physical characteristics that have contributed to the development of soils over time. Included will be climate or how soils are formed, the 12 soil orders, soil horizons, structure versus texture, water movement and compaction.

+ Katie Resor, R & R Septic Solutions

What Do You Mean I Can't Flush It Down....But It Fits

Homeowner education is a key component in the success or failure of residential wastewater treatment. Having a candid conversation about what goes down the drain can prolong the life of a septic system, provide better treatment of wastewater and reduce repair expenses.

**+ Jeff Sherman, Floyd County Environmental Health,
and Troy Resor, R & R Septic Solutions.**

**Facilitator: Amber Meixner, Fairfield Precast Concrete
Contractor and Regulator Roundtable**

You will have an opportunity to submit an “Ask a Contractor/Sanitarian” question card. Registration packets will have a card you can complete and submit for discussion during this roundtable session. This session will focus on questions and topics you want to discuss. Whether it is permitting, permit fees, paperwork, contractor issues, CIOWTS credential, mapping a septic system or installation, get answers at this session.

**+ Jeremy Stolba, James “Doc” Joyce and Andrew Frank,
Dave Schmitt Construction**

Trench Box

This session will explain the equipment used, inspection, and setup of equipment. Also covered will be the procedure of filling out the confined space permit, properly fitting harnesses, monitoring condition of confined space, and entrance and exit of space.

+ Matt Wilshusen, T. G. Rankin Company

Decentralized Scalable Wastewater Solutions

Join in a discussion of decentralized scalable sewer systems. Small communities should have a choice of a good economic alternative in wastewater treatment plant decisions — choices in water treatment and alternative lagoon treatment solutions. Small scalable sewer (8K to 150K GPD) can be built in phases to manage today's needs and expand in the future when needed. Decentralized scalable systems work with multiple technologies and a few different scenarios will be presented. The discussion will focus on the science of attached growth reactors for open discharge solutions that require UV disinfection systems. Some states —including Iowa — have drip systems to disperse wastewater in soil so we will also discuss some of those solutions. One case study in particular shows what is possible when an economic boom happens and how one community (Piperton, TN) managed their wastewater with a decentralized scalable sewer. The story of Bevington, Iowa, and a small community on the outskirts of Iowa City will be presented.

PRE-CONFERENCE ACTIVITIES ON JANUARY 9

Ready for CIOWTS credential testing? Need CE hours for your CIOWTS credential or IDPH plumbing license? Come to Cedar Rapids a day early to take advantage of additional industry opportunities.

DMACC's Onsite Wastewater Training for New County Sanitarians

This 6-hour training – 8:30 a.m. to 4 p.m. – will focus on basic onsite wastewater program management for Sanitarians/Environmental Health Specialists with three years or less of experience, but all levels of experience are welcome. It will include common onsite wastewater treatment systems, along with tips, resources, and guidance to organizing a county onsite wastewater program.

Fee: \$25

Instructor: Aimee Karmer-Devereaux

Register with DMACC for CRN 25798 at 515-964-6800 or online (<https://ce.dmacctraining.com/dmac2/public/store/search.do?navigator=retrieveItem&item=Ldt5Y7zFOsz9JGAtRDpkA%2a%2a&courseType=CE9E>)

CIOWTS Credentialing Test

Submit the CIOWTS Test Application to IOWWA prior to December 15, 2023. The test application can be downloaded at <https://www.iowwa.com/pages/certification> or email penny@iowwa.com to request the CIOWTS test application. Testing is for basic level (75 multiple-choice questions; 2-hour completion time). Check in at 1 p.m.; instruction begins at 1:15; testing starts at 1:30 p.m.)

Fee: \$184 for IOWWA members; \$209 for non-members.

Exam Proctor: Trevor Dickerson

IDPH Plumbing Approve Sessions

Plumbing Safety Discipline: Construction Safety Focus Four
OSHA's "Focus Four" (falls, caught-in or between, stuck-by, and electrocution) are addressed. This seminar is designed to help workers recognize, avoid and protect themselves from the types of accidents most commonly involved in construction workplace fatalities. Earn 2 CE hours; 7:30 a.m. check-in; 8–10 a.m. session (Good for Iowa Plumbing and Mechanical license; not approved for CIOWTS credential or Iowa DNR Time of Transfer)

Instructor: Lee Maier

Plumbing Code and Plumbing Discipline: Avoiding Common Plumbing Code Errors, Safety in the Plumbing Code 1 and Code Facts Every Plumber Should Know

Avoiding Common Plumbing Code Errors covers non-compliant plumbing installations, the applicable code sections, and a practical explanation of what is required for compliance (2 hours of Plumbing Trade, or 2 Hours of Plumbing Code in the State of Iowa). Code Facts Every Plumber Should Know addresses plumbing code facts plumbers should know that are commonly overlooked by both experienced and less experienced plumbers. (2 hours of Plumbing Trade, or 2 Hours of Plumbing Code in the State of Iowa.)

Session earn 6 CE hours; 10:15 a.m. check-in; sessions run 10:30 a.m. to 12:30 p.m. and 1 to 5 p.m.; light lunch provided (approved for CIOWTS credential, but not for Iowa DNR Time of Transfer)

Instructor: Lee Maier

Register for these Iowa DPH sessions on page 7.



CONGRATULATIONS, NEW CIOWTS HOLDERS!

Here are the latest Iowans to earn the basic level credential of the Certified Installer of Wastewater Treatment Systems:

Chad Beatty, Independence
Dustin Bowers, West Liberty
Michael Brown, Bloomfield
Tom Cackler, Ames
Thurlow Clark, Lamoni
Andrew Delawyer, Roland
Ben Dingle, Nevada

James Donahoo, Prairie City
Kaleb Fink, Walker
Jeremiah Grooms, Walker
Joseph Hatrick, Monticello
Benjamin Knipp, Elberon
Shane Kruse, Gladbrook
Daniel Long, Grand River

Illias Louck, Eldridge
Micah Massey, Menlo
Jacob McCammant, Grinnell
Elton Myers, Indianola
Austin Neighbor, Marion
Tanner Njus, New Hampton
Kurt Paulsen, Stockton

Cody Poling, Carlisle
Tanner Sears, Davenport
Jake Slocum, West Liberty
Nathan Swanson, Dallas Center
Chad Thornton, McGregor
Andrew Thronson, Lawler

IOWA'S OCTOBER WORKSHOP: SEPTIC PUMPING & INSPECTION

Miene Septic Service in Robins hosted a septic pumping and Time of Transfer workshop for forty members of the septic industry on October 20. Wayne Vanden Berge, Advance Pump & Equipment, kicked off class presenting the problems with foaming that occur inside septic truck tanks from material being pumped and problems with vacuum and air flow. He shared strategies for overcoming issues with pumping tanks that are installed deep in the ground. The class then moved to a site with two houses where Miene employees performed a Time of Transfer demonstration for conventional septic systems. The workshop concluded with Kyle Nekvinda walking participants through an AdvanTex septic system and answered questions.



Wayne Vanden Berge, Advance Pump and Equipment, presents problems with septic tank trucks and strategies when pumping deeply installed tanks.



The class moved outdoors for Time of Transfer demonstrations.

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CAPTION CONTEST!




FALL ISSUE WINNER:

"If you're sure you want it on the roof then I'm your guy!"
 Submitted by David Rhodes, Wayne County
 Environmental Health, Corydon



WANT TO WIN?


This is your chance to win a \$50.00 Casey's Gift card! Please keep your suggestion for this picture "printable" – whether it's funny and clever or serious—and it will appear in the spring 2024 issue of the IOWWA "Onsite Observer" newsletter. Submit your caption for this photo by February 6 to contactus@iowwa.com.



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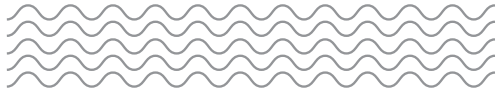
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