

## President's Message: Aaron Ausen

Winter 2016

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### Contact Us:

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2830 Agriculture Drive  
Madison, WI 53718  
Phone: 608-441-1436  
Fax: 608-204-9818  
info@wowra.com



Friends of WOWRA,

We have completed another great year! This year we shifted our management to a new firm, MDS and that was for the better. Alison and Heather do a great job in keeping WOWRA on track and in the black. We also have to be thankful for the tireless hours our lobbyist George puts in keeping WOWRA in tune with DSPS and other capital happenings. With our team intact and our board strong, we hosted another successful conference. The presenters were great and the vendors were awesome! Thank you to everyone who participated and mark your calendars for next year's conference at the Chula Vista in the Dells.

As we move forward we want to welcome our two new board members, Shea Geffert and Brendon Reichard. Both Brendon and Shea were nice enough to dedicate their time to the WOWRA board. Departing from the board is Len LaFrenier. Len was nothing short of phenomenal on the board. His input on things happening in the north was invaluable. Thank you Len for all your help!

As we move forward into the 2016 our focus is going to be on membership. It is no secret our membership has been stagnant in past years and we need to do something about it. At this point the board will be gathering input and devising a plan to increase membership. If any members have any input, I welcome it at any time. Some of the questions we ask ourselves all the time are what is the benefit of being a WOWRA member? Why support WOWRA when they do their work with or without me? What is the value of WOWRA? It is my intention to answer these questions and drive membership toward the positive. But I can't do it alone, the board can't, we need your grassroots efforts. At the WOWRA show we unveiled the new WOWRA logo (you will see it in this issue). In a few weeks we will have stickers, shirts, and hats made up. Buy these items and make it apparent you are a proud WOWRA member. I think that goes a long way when you can be distinct from your competition. Next spread the word of WOWRA. We see each other all the time. Ask why certain folks aren't members. Is it dues? Is it worth? We need to poll the state to find the answers. So please help us out.

Thank you and my best regards to you and your families on a new and prosperous 2016!

Aaron J Ausen  
WOWRA President

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# Legislative Update: Executive Director George Klaetsch

## POWTS Advisory Code Council Update



As most of you know, WOWRA played an important role in the reconvening of the POWTS Advisory Code Council. Since our last Newsletter, the Council has met twice – once in November, 2015 and again in February, 2016. The Council has begun to tackle specific portions of the Safety and Professional Services Codes. The primary codes they are focused on are:

- ◆ SPS 381- Definitions and Standards
- ◆ SPS 382- Plumbing Installation
- ◆ SPS 383- Private Onsite Wastewater Treatment Systems
- ◆ SPS 384- Plumbing Products
- ◆ SPS 385- Soil and Site Evaluation
- ◆ SPS 387- POWTS Fund Funding Tables
- ◆ SPS 391- Sanitation

In February, we were also informed by the DSPS that WOWRA member, Tony Birritieri was appointed to serve on the Council. Tony brings a wealth of knowledge as a Council member and we encourage all WOWRA members with recommendations for SPS code changes related to the specific codes mentioned above, to please contact Tony at [tony@petersenproducts.com](mailto:tony@petersenproducts.com).

WOWRA members can also submit code-related requests for the POWTS Advisory Code Council to address by going to - <http://dsps.wi.gov/public-board-agenda-item>.

## Final Determination Related to POWTS Electrician Exemption

WOWRA has been working diligently on this exemption for the past several years. Over the late Fall of 2015 and early Winter of 2016 we received final confirmation of what septic tank installers can and cannot do related to electrical work as part of POWTS installations from the DSPS.

- ◆ S. 101.862 was amended to provide that the following persons would NOT have to be a licensed electrician:
  - ◆ “A person engaged in installing, repairing or maintaining a POWTS, if the activity only involves installing or modifying a conductor going from the system’s junction, pull or device box to the nearest disconnecting point and the conductor is buried with the system”
- ◆ POWTS Installers/Repairers/Maintainers CAN:
  - ◆ Lay all the cables in the trench with the system piping.
  - ◆ Attach the junction box to the manhole riser at the POWTS system.
  - ◆ Install any electrical wiring or equipment within any tank for the POWTS.
  - ◆ Connect all conductors associated with the POWTS system within the junction box at the dose chamber.
  - ◆ Connect all conductors associated with the POWTS system to the nearest disconnecting means at the house. The nearest disconnecting means is the first disconnecting means the POWTS system cables are connected to either at or within the house or other building served by the POWTS system.

Regards,

A handwritten signature in black ink, appearing to read "George A. Klaetsch".

George Klaetsch



## POWTS Code Advisory Council Update

Tony Birritieri from Peterson Supply was appointed to the POWTS Code Advisory Council on February 1, 2016. Tony was able to attend the Council's February 10, 2016 meeting. Members are asked to contact Tony at [tony@petersenproducts.com](mailto:tony@petersenproducts.com) with any ideas or suggestions they may have for the Council to review. The next meeting of the council is scheduled for March 16, 2016.

Bryon Wooten from Lakeshore Burial Vault and WOWRA member is serving as Chair of the Council and is representing the Wisconsin Precast Concrete Association (WPCA). Bryon recently wrote an update for WPCA's newsletter. Bryon shared:

"The POWTS Advisory Code Council is actively reviewing several sections of the code and a few draft language provisions will be submitted soon for DSPS consideration. The types of changes involve:

- Procedural changes for electronic signatures (SPS 383.22 and 385.40(2)(b) 1. a.
- Frozen soil applications SPS 383.45(2)
- Create sand definitions and possible alternate mediums (new or experimental) used in a treatment or dispersal component. SPS 384.30(6)(j). This topic will affect our industry as the availability of "mound" sand and stone continues to become more expensive and harder to obtain.
- Wording and delays to the approval of Interpretative Determination Reports SPS 365.60(2)(a)."

To see Bryon's full article, visit [www.wiprecast.org/Winter2016](http://www.wiprecast.org/Winter2016).



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Mark Wieser

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Jerry Ellis

#### **Members at Large**

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Shea Geffert

Damon Huibregtse

Brendon Reichard

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George Klaetsch

Email: [gklaetsch@kpasllc.com](mailto:gklaetsch@kpasllc.com)

#### **Association Managers**

Heather Dyer

Alison Huber

Email: [info@wowra.com](mailto:info@wowra.com)

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P: 608-441-1436

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Email: [info@wowra.com](mailto:info@wowra.com)



# 2016 WLWCA/WOWRA Joint Winter Conference

January 28-30, 2016

Holiday Inn Hotel & Convention Center, Stevens Point, WI

Nearly 200 attendees gathered at the Holiday Inn Hotel & Convention Center in Stevens Point for the 2016 WLWCA/WOWRA Joint Winter Conference. Attendees met with over 30 exhibitors who were on hand to display their products and services.

Session topics presented for WOWRA members included:

- Pre-Conference Sessions: Managing Safety with Tom Senecal (GT Associates) and Laser and Machine Control Technology with Ben Thompson (Miller-Bradford & Risberg) and Jeff Smith (CNH Global)
- A welcome video from Congressman Reid Ribble
- Information from Aaron Schuette (Brown County Planning Commission) regarding the Northeastern WI Region CDBG - Housing Rehabilitation Program
- WOWRA President Aaron Ausen (Dalmaray Concrete Products) presented a session on Risers
- Closing keynote on Site Selection Considerations with Stephanie Finamore and Jay Knoke from Mi-Tech Services
- University of Florida researcher Yun-Ya Yang spoke on research regarding pharmaceuticals in ground and surface waters
- Pump Selection session presented by Darren Meyers (Zoeller Company)
- Tom Donahoe (Cherokee Enterprises) presented information on the Effects of Soil Aeration on Septic Systems

## THANK YOU TO OUR SPONSORS!



The conference closed with a DNR Update from Steve Warrner and a DSPS update from Matt Janzen.



[See more photos online!](#)

# 2016 WOWRA SCHOLARSHIP DONATION

WOWRA's Board of Directors believes it is important to give back to the association members. One way has been the establishment of a scholarship fund. The number of scholarships awarded varies each year based on donations from WOWRA members, but every year at least two scholarships are offered: the *Robert Linder Memorial Scholarship* worth \$2,000 and the *Gretchen McQuestion Scholarship* worth \$1,500. Other scholarships may be awarded based on availability.

The recipients of these scholarships are exclusively WOWRA members, their spouses, or children. Since 1990, our association has awarded more than \$127,000 to over 100 students, with the majority of the funds for the scholarships coming from member donations.

As a contributor, your name and/or company will be listed in the WOWRA News spring issue. All names/ companies will be listed in alphabetical order. No amount is too big or too small. We need your help to continue awarding scholarships. We are again asking you to donate generously to this worthy cause.

You may donate online at [wowra.com/scholarship](http://wowra.com/scholarship) or submit the form below.

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## 2016 WOWRA SCHOLARSHIP CONTRIBUTION FORM

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Contribution amount \$ \_\_\_\_\_

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## Scholarship Fund

The WOWRA Scholarship Fund was established in 1990 to award funds to students planning to obtain a higher education. The fund has awarded over \$125,000 in scholarships to over 100 students.

In addition to donations, funds are raised annual through the Silent Auction at the WLWCA/WOWRA Joint Winter Conference. This year's auction raised \$951 for the fund.

You can donate today! Visit [www.wowra.com/scholarship](http://www.wowra.com/scholarship) to donate online or download the form to mail.

## 2016 Scholarship Recipients

### Robert Lindner Memorial Scholarship

*Claire Kelk, Woodruff, WI*

### Gretchen McQuestion Scholarship

*Dustin Madson, Manitowoc, WI*

## Congratulations!

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## Thank you to those who donated or purchased an item for the Silent Auction

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Damon Huibregtse	

# CERTIFIED SOIL TESTER

## Introduction to Onsite Waste Water Treatment & SPS 383/385

The first portion of this session will be a general introduction to onsite wastewater treatment. It will include an overview of onsite applications and techniques, a description of wastewater characteristics, and a discussion of the role of soil in treating wastewater. The second portion will cover administrative rules from SPS 383 and SPS 385 (Wisconsin Administrative Code) that pertain to soil and site evaluations. The session will conclude with a summary of a soil and site evaluator's responsibilities in Wisconsin. 47-607-41200 (Instructor: Ed Taylor)

**Wednesday, March 2, 2016**

6 - 9 pm (1x)

Nicolet College – Northwoods Center 114

Section #9319

\$40 (\$27.16 for students age 62 and over)

## Soil Fundamentals

The objective of this session will be to provide the student with a basic understanding of the principles of soil genesis, morphology, and classification as they apply to the description and interpretation of soil profiles in relation to evaluating soil for wastewater treatment. The importance of recognizing genetic soil horizons and their properties will be stressed. Soil horizons as expressions of unique physical, chemical and biological processes will also be explained. The concluding portion of this session will present a phase view of soil as a composite interaction of solids, liquids and gases. The importance of this view with respect to wastewater treatment will be emphasized. 47-607-41204 (Instructor: Ed Taylor)

**Wednesday, March 9, 2016**

6 - 9 pm (1x)

Nicolet College – Northwoods Center 114

Section #9323

\$40 (\$27.16 for students age 62 and over)

## Describing and Interpreting Soil Profiles

This session will be a collection of hands-on activities to introduce techniques and standard documentation protocols for describing soil profiles. Topics will include necessary equipment, identifying soil horizons, estimating soil texture, documenting soil colors, evaluating soil structure and consistence, recognizing miscellaneous profile features, using standard description notation, and completing an SBD 8330 soil evaluation form. Explanations of how to interpret the descriptive features will also be provided. 47-607-41205 (Instructor: Ed Taylor)

**Wednesday, March 16, 2016**

6 - 9 pm (1x)

Nicolet College – Northwoods Center 114

Section #9324

\$40 (\$27.16 for students age 62 and over)

## Site Mapping and Drafting Techniques

An often-ignored aspect of Certified Soil Tester responsibility in Wisconsin is site evaluation and mapping. Such neglect often results in septic system plan review and installation problems. The session will begin with a discussion of the role of site features in septic system function, design, and installation. Next, the student will be provided with hands-on opportunities to practice various site mapping techniques. Finally, total station use and CAD plotting will be demonstrated. 47-607-41202 (Instructor: Ed Taylor)

**Wednesday, March 23, 2016**

6 - 9 pm (1x)

Nicolet College – Northwoods Center 114

Section #9321

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## Wisconsin POWTS Design Rules and Principles

It is very important that a Certified Soil Tester understand septic system design principles and rules in Wisconsin in order to properly identify adequate system area and to provide clients with approvable system options. Thus, this last session will focus on the administrative code and "component manual" rules that govern POWTS design. The possible role of an "individual site design" will also be explained. Several example problems will be provided for illustration. 47-607-41201 (Instructor: Ed Taylor)

**Wednesday, March 30, 2016**

6 - 9 pm (1x)

Nicolet College – Northwoods Center 114

Section #9320

\$40 (\$27.16 for students age 62 and over)

## Field Practicum

This field practicum will be offered as a way of practically applying the concepts and techniques covered during the classroom sessions. Students will be challenged to describe soil profiles and to perform an actual soil and site evaluation. Instructional guidance will be available for all activities. POWTS design. The possible role of an "individual site design" will also be explained. Several example problems will be provided for illustration. 47-607-41203 (Instructor: Ed Taylor)

**Saturday, April 9, 2016**

9 am – 3 pm (1x)

Tomahawk

UWSP - Treehaven

Section #9322

\$60 (\$40.74 for students age 62 and over)

## Community Education Registration Form

**PLEASE PRINT. ALL REQUESTED INFORMATION IS REQUIRED FOR ENROLLMENT.**

First Name \_\_\_\_\_ MI \_\_\_\_\_ Last Name \_\_\_\_\_ Nicolet Student ID # or Social Security # \_\_\_\_\_  
Home Mailing Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Phone: Home \_\_\_\_\_ Phone: Cell \_\_\_\_\_ Work \_\_\_\_\_ County of Residence \_\_\_\_\_ Municipality of Residence \_\_\_\_\_ Date of Birth \_\_\_\_\_  
(Township/Village/City)  
Gender: Male \_\_\_\_\_ Female \_\_\_\_\_ Email Address \_\_\_\_\_

**THE FOLLOWING INFORMATION IS FOR STATE REPORTING PURPOSES. INFORMATION PROVIDED WILL NOT INFLUENCE COURSE ADMISSION.**

Ethnicity: Are you Hispanic or Latino (regardless of race)? Yes \_\_\_\_\_ No \_\_\_\_\_

Race: (Check all that apply) \_\_\_\_\_ American Indian or Alaska Native \_\_\_\_\_ Asian \_\_\_\_\_ Black or African American \_\_\_\_\_ Native Hawaiian or other Pacific Islander \_\_\_\_\_ White

Highest Grade Completed: \_\_\_\_\_ Year of High School Graduation / GED / HSED: \_\_\_\_\_

Highest Credential Earned: \_\_\_\_\_ No credential \_\_\_\_\_ GED \_\_\_\_\_ HSED \_\_\_\_\_ HS diploma \_\_\_\_\_ Some college (postsecondary credit) \_\_\_\_\_ Short-term diploma  
\_\_\_\_\_ 1-year diploma \_\_\_\_\_ 2-year diploma \_\_\_\_\_ Associate degree \_\_\_\_\_ Associate degree + additional credential \_\_\_\_\_ Baccalaureate \_\_\_\_\_ Higher than baccalaureate

	Class Title	Section Number	Dates	Day(s)	Time	Location	Fees/ Senior Fee*
	Intro. to Onsite Waste Water Treatment	9319	3/2/16	Wednesday	6 – 9 pm	RHI – Nicolet NC 114	\$40.00 / \$27.16
	Soil Fundamentals	9323	3/9/16	Wednesday	6 – 9 pm	RHI – Nicolet NC 114	\$40.00 / \$27.16
	Describing & Interpreting Soil Profiles	9324	3/16/16	Wednesday	6 – 9 pm	RHI – Nicolet NC 114	\$40.00 / \$27.16
	Site Mapping and Drafting Techniques	9321	3/23/16	Wednesday	6 – 9 pm	RHI – Nicolet NC 114	\$40.00 / \$27.16
	WI POWTS Design Rules & Principles	9320	3/30/16	Wednesday	6 – 9 pm	RHI – Nicolet NC 114	\$40.00 / \$27.16
	Field Practicum	9322	4/9/16	Saturday	9 am – 3 pm	TOM–UWSP Treehaven	\$60.00 / \$40.74
<b>FEES ARE DUE WITH REGISTRATION</b> *Senior Fees for persons age 62+ are available for Continuing Education classes only.							<b>Total Payment Included</b>

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**PRESS RELEASE****For immediate release**

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[aweitzenfeld@winsbyinc.com](mailto:aweitzenfeld@winsbyinc.com)**Images can be downloaded**[http://www.winsbyinc.com/mbr/pr/rendering\\_pr.html](http://www.winsbyinc.com/mbr/pr/rendering_pr.html)

through May 2016

**MILLER-BRADFORD & RISBERG OPENS MARATHON CITY FACILITY  
New Building Has State-of-the-Art Equipment, More Service Bays**

Marathon City, Wis. (February 10, 2016) – Miller-Bradford & Risberg, Inc, the CASE construction equipment dealer in Northern Illinois, Wisconsin, and Michigan, is pleased to announce that they have opened a new facility in Marathon City, Wis. The modern structure was built in one year and is an upgrade over the Abbotsford facility with more service bays, state-of-the-art tools, and overhead cranes for repairing larger machines. The new building is located off WI-29, just east of their former location.

“Our new building is an investment in the community and a way to put down firm roots in the north central Wisconsin area,” says Dan Soley, executive vice president of sales and marketing at Miller-Bradford & Risberg, Inc. “We are much closer to many of our customers and can provide faster turnaround times with more service bays and technicians.”

The Marathon City branch offers rental equipment, new and used equipment, and parts and service for the full range of construction, road building, and landscaping equipment. The new facility has an increased parts inventory for faster delivery. More full time service technicians have been hired, and it has over three times the square footage of the previous location.

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# ONSITE SEWAGE TREATMENT PROGRAM



## Free Online Training Opportunity

### Online Tool to Develop Owner's Guides

Newly developed free software is available that allows wastewater professionals to generate an owner guide customized for an individual client's system. This USDA grant funded project, led by the University of Minnesota (UMN), has developed a tool available at the website [H2OandM.com](http://H2OandM.com). On March 2 and March 31 online training sessions will teach professionals how to use this new tool with a live demonstration. The training will be held from 1-3 p.m. Central Time.

It works like online tax preparation software. Fill in specifications, and the software adjusts for the system and the user and generates the customized guide. It comes out as a PDF file that can be shared electronically with customers or printed for them. Stock pictures of a septic tank and other components are available for users, but professionals can enhance a guide with manufacturers' pictures or even pictures from a particular job.

H2OandM.com can be used for a system serving a one-family home or for a cluster system. Installers, designers, pumpers, county sanitarians, public health workers, and natural resources department staff will all find this software useful. It will help customers understand and maintain their systems, and it will build better customer relationships.

For more information about the project contact Sara Heger at (612) 625-7243 or [sheger@umn.edu](mailto:sheger@umn.edu).

**For more information on the webinar or to register for the free online at <http://bit.ly/1N9CIwm>.**

## Save the date for the 2017, 2018 and 2019 Winter Conferences!



January 12-14, 2017

January 26-28, 2018

January 25-27, 2019

*Chula Vista Resort, Wisconsin Dells*



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*Mission Statement:*

*To advance the education of and to protect and promote the profession of onsite wastewater technology in Wisconsin on behalf of our membership.*