



THE LITTLE

MOWA onsite wastewater association

DIGGER

June/July 2017 - Vol. 32, Issue 3

A bi-monthly publication

15-day Compliance Inspection Report submission period clarified

By the MPCA

“...it’s important to keep the inspection period for a particular SSTS as short as possible so there is little chance some aspect of the system changes in the meantime.”

Questions have been raised about the 15-day requirement for SSTS inspectors to submit SSTS Compliance Inspection Forms/Reports to the system owner and local government. When does the clock start? Why is it so important? What can happen if you don’t follow through with the reporting.

A few definitions will help explain how the rules have been interpreted by the MPCA and answer these questions.

Compliance inspection - an evaluation, investigation, inspection, or other such process for



the purpose of completing a...

Compliance inspection form/report. Depending upon how this document is filled out by the inspector, the compliance inspection form/report becomes either a Certificate of Compliance (COC) or a Notice of Noncompliance (NON). There is one standard compliance inspection form/report for existing systems.

Compliance inspection form/reports for new or replacements systems will vary by local government.

Certificate of compliance (COC) – a completed compliance inspection form/report, written and signed by a certified inspector after a compliance inspection. It certifies that a system is in compliance with applicable requirements at the time of inspection.

Notice of Noncompliance (NON) - a completed compliance inspection form/report, written and signed by a certified inspector after a compliance inspection. It gives notice that a system is not in compliance with applicable requirements at the time of inspection.

Compliance reporting clarified, Continued on Page 7

In this Little Digger

Compliance Inspection Reporting.....	Pg. 1
Executive Director’s Column	Pg. 2
Calendar of Events/New Member... ..	Pg. 2
Summer Seminar Registration	Pg. 4
Summer Seminar Sponsor Sign-Up... ..	Pg. 5
MPCA Minipumper Course	Pg. 6
MPCA Enforcement Report	Pg. 6
SSTS Search Tool Update	Pg. 7
Snap Surveys and Annual Report... ..	Pg. 8
Rule Change on SDS Permit.....	Pg. 9
State Fair Notice	Pg. 9
2017 Mega-Conference in October	Pg. 11
2018 WWETT Conference News.....	Pg. 12
NOWRA Board of Directors News... ..	Pg. 13
NOWRA Updates; Fly-In News.....	Pg. 14
2017 Ruppert Scholarship App.....	Pg. 16
2017 Scholarship Essay Pointers... ..	Pg. 17
2017 OSTP CE Schedule	Pg. 18
MOWA Membership Form	Pg. 19

Register NOW for the 2017 Summer Seminar!

From MOWA's Executive Director

MOWA

2016 BOARD OF DIRECTORS

Dean Flygare, President
Flygare Excavating, Inc.
 deanflygare@gmail.com
 320-980-3856

Andy Winkler, President-Elect
Wieser Concrete
 winkler@wieserconcrete.com
 715-647-2311

Shane Steinbrecher, Past-President
Steinbrecher Companies
 shane@steinbrechercompanies.com
 612-221-8675

Cindy Tiemann, Secretary
Fiedler's Your Pumping Specialists
 cindy@fiedlerpumping.com
 320-252-9916

Pete Otterness, Treasurer
Nicollet County
 pete.otterness@co.nicollet.mn.us
 507-934-7076

Eric Blasing
Wenck Associates
 eblasing@wenck.com
 651-428-8038

Mike Capra
Capra's Utilities
 mike@capras.com
 651-762-2500

Stacey Feser
Feser Environmental
 staceyfeser@gmail.com
 612.382.7491

Nick Haig
MPCA
 nick.haig@state.mn.us
 651-757-2536

Chris LeClair
Washington County
 chris.leclair@co.washington.mn.us
 651-430-4052

Bernie Miller
Miller's Sewage Treatment Solutions
 bernie@millerssewage.com
 320-398-2705



By Pat Martyn, MOWA Executive Director

We are pleased to announce that our annual Summer Seminar will be held on Friday, July 21st at Flygare Excavating in Annandale. Information on registration and sponsorship opportunities is available at Pages 4-5 of this publication. We will be bringing back the same successful format we offered last year of two daytime tracks. Track 1 will be the Soils Training, with a morning classroom session and an afternoon field session. Track 2 will feature a morning Sept-a-Thon followed by an afternoon onsite technology demonstration. The evening features a pork chop cookout with games, prizes, and fun. Sponsors will be on-hand at the MOWA-hosted lunch to exhibit their equipment and answer any questions you may have. Again this year, we offer a free seminar registration to anyone who becomes a new member between now and the seminar, so be sure to let your non-member colleagues know of this opportunity!

We are also pleased to announce the 2017 Tony Ruppert Scholarship. Each year, MOWA gives away up to \$5,000 in scholarship money to MOWA members, or a child, sibling, grandchild, or niece/nephew of a MOWA member. These funds are raised at the auction held at our Convention each winter and are available to high school graduates (as of June 2017) who will be enrolled as a full-time student in post-secondary undergraduate education during the 2017-2018 school year. If you or someone in your family qualifies, we strongly encourage you to submit your application and essay by the August 15 deadline. Please see Pages 16-17 of this issue for details.

Our Convention Committee is already hard at work on 2018 Convention planning. One topic of discussion has been the potential opportunity to host a Mega-Conference in October 2018 in addition to our January 2018 Convention. The Mega-Conference would be held in conjunction with NOWRA, NAWT, and the State Onsite Regulators Alliance (SORA) at a venue in the Twin Cities. Surveys are going out via email to our membership regarding interest in this idea.

You will find elsewhere in this newsletter a listing of the Board Members. You are invited to pick up a phone or email any of them, and let them know how you feel about the organization. President Dean Flygare would appreciate it very much.

CALENDAR OF EVENTS

MOWA Events

July 21, 2017 - 2017 Summer Seminar at Flygare Excavating in Annandale. Visit our Website for details: www.mowa-mn.com.

Industry Events

October 22-25, 2017 - 2017 NOWRA/NAWT Onsite Wastewater Mega-Conference at Dover Downs Hotel & Casino, Dover, Delaware. For more details regarding the conference as it becomes available, visit www.nowra.org/2017mega.

February 21 – 24, 2018 - Water & Wastewater Equipment, Treatment & Transport (WWETT) Show at the Indiana Convention Center (visit <https://wwettshow.com/> for details).

WELCOME NEW MEMBER

Marty Ferguson, FS3, Inc., Annandale, MN



THE PERFECT FIT EVERY TIME!

We heard you! Polylok now offers risers in 2" and 3" heights. Whether you are working with a septic tank, distribution box or drainage box, stacking these new heights with our existing series of 6" and 12" risers will enable you to get the perfect fit every time!

Worried about safety? We are too! That's why you can install a concrete plug in our 20" and 24" riser pans. Additionally, we offer 12", 20" and 24" riser safety screens that provide a secondary layer of protection.

RISER SAFETY ACCESSORIES



Safety Screens
 (12") 3017-SS
 (20") 3009-SS
 (24") 3008-SS

Lid-Lok Safety Device
 (20") 3009-LOK
 (24") 3008-LOK



24" Dual Safety Cover
 3009-KYDC



24" x 2" Riser
 3008-GR2



20" x 2" Riser
 3009-GR2



20" x 3" Riser / Riser Pan
 3009-LPRP

OTHER SIZES AVAILABLE

- 24" x 3" Riser / Riser Pan - 3008-RP
- 24" x 6" Riser - 3008
- 24" x 12" Riser - 3008-R12
- 20" x 6" Riser - 3009
- 20" x 12" Riser - 3009-R12
- 20" Riser Pan - 3009-RP
- 12" x 6" Riser - 3017-R



1-877-765-9565 / www.polylok.com
 For more information call or visit our website today!

Minnesota Onsite Wastewater Association

2017 Summer Seminar – Annandale, MN

(visit our Web site updates @ www.mowa-mn.com)

Mail: MOWA
5021 Vernon Ave., So.
Suite 241
Edina, MN 55436
Fax: 952.487.4447
e-mail: mowacarla@aol.com

REGISTRATION FORM

One form per person. Please copy for additional registrants

Name _____ Organization _____

Address _____

Phone _____ Fax _____ Email _____

Friday, July 21, 2017: Registration at 7:30 am | 8:00 Start Time

Hosted By: Flygare Excavating

9595 67th St. NW ♦ Annandale, MN 55302

Track 1: Soils Training – AM: Classroom Session | PM: Field Session

*Designed to meet the additional 6.0 hours of Direct Soils Training required for Certified Inspectors & Designers**

Track 2: Sept-A-Thon – AM | Onsite Technology Demonstration - PM

*Designed to provide 6.0 hours of Direct and 2.0 hours of Indirect (Non-Soils) Training**

5:30 – ? – Pork Chop Cookout and Games, Prizes, Fun!

*Schedule subject to change; CEUs are anticipated, based on MPCA approval

Check One:	MOWA MEMBER	NON-MEMBER**
_____ Track # 1 –OR– _____ Track #2	\$135	\$205 \$ _____

_____ # 1st Lunch/Evening Event Guest (no CEUs or participation) - FREE \$ _____ 0

_____ # Add'l. Guest(s) @ \$25 each for Lunch and/or Evening Event \$ _____

Registration Deadline: July 14, 2017 - Late Fee (\$25 after 07/14/17) \$ _____

FREE Seminar registration for any new MOWA members between now and the Seminar! Contact MOWA for details

PAYMENT: **TOTAL COST** \$ _____

Includes course materials, breakfast, lunch, afternoon snack, and evening event

**For information on becoming a MOWA member, please visit: www.mowa-mn.com

A. Please charge my credit card in the amount of \$ _____

B. A check in the amount of \$ _____ is enclosed (payable to MOWA)

Circle One: Visa Mastercard

Name on Card _____ Signature _____

Account Number _____ Exp. Date ____/____/____ CVV. _____

I agree to indemnify and hold harmless Minnesota Onsite Wastewater Association (MOWA) and Flygare Excavating from any and all liability, loss, damage or expense from any incident that may arise while attending any portion of the 2017 Summer Soils Seminar. I authorize any photos taken of me at this event to be published in MOWA's Little Digger and/or other MOWA-related promotional materials.

Signature _____ Date _____



Promote Your Company at the 2017 MOWA Summer Seminar!

Friday, July 21, 2017

◆ Flygare Excavating – 9595 67th St. NW, Annandale, MN ◆

Sponsor Registration Form

Company Name: _____ (As it should appear on signage)

Contact: _____ Email: _____

Address: _____

City, State, Zip: _____

Phone: _____ Fax: _____

Event Sponsor: Member - \$200 / Non-Member - \$300

Sponsor company will enjoy exclusive signage and sponsorship recognition, plus their logo on commemorative t-shirt and clipboard.

Sponsors may also bring their equipment to display at lunchtime in designated area

LIMITED SPONSORSHIPS AVAILABLE: SIGN-UP DEADLINE IS JUNE 26, 2017

Event will be held rain or shine, so come prepared!

Payment:

Check: Payable to MOWA Amount: \$ _____

Mail to: MOWA, 5021 Vernon Ave., So., #241, Edina, MN 55436

Credit Card: Fax to - (952) 487-4447 or Mail to - address above

Type of Card: Visa MasterCard Amount: \$ _____

Credit Card # _____ Expire Date: _____ / _____ CVV: _____

Cardholder: _____ Signature: _____

By this signature I authorize MOWA to process fees pertaining to this MOWA event

I agree to indemnify and hold harmless Minnesota Onsite Wastewater Association (MOWA) and Flygare Excavating from any and all liability, loss, damage or expense from any incident that may arise while attending any portion of the 2017 Summer Soils Seminar. I authorize any photos taken of me at this event to be published in MOWA's Little Digger and/or other MOWA-related promotional materials.

Signature: _____ Date: _____



Course Design Input request to Onsite Professionals

MPCA planning “Minipumper” course for SSTS maintainers. You can help design it!

By the MPCA

The MPCA requires that SSTS maintainers follow the Code of Federal Regulation (503's) and Minnesota Rules 7080 through 7083. Recently, the MPCA has been asked to offer additional education specifically for maintainers to receive assistance with record keeping.

Based on that request, the MPCA is in the process of developing an education course called the “Minipumper” course. The course will include a Powerpoint slide show, which will contain the Federal 503 rules and an example site to walk through. At this course, MPCA staff will offer hands-on training that will include records walk through. Lastly, there will be time for Q & A.

In the near future, the MPCA will email a Snap survey to all certified maintainers. The survey will be anonymous, so please answer it honestly. The survey results will be used to help structure specific items the MPCA will cover at the Minipumper course.



U of M instructor, Dave Gustafson, leads a group during field troubleshooting training this spring hosted at the Bee Center at the Landscape Arboretum in Chanhassen

If you do not have an email address for us to send the survey to, please contact Steven Oscarson at 507-206-2604. He can provide instructions on how to access the survey on the internet.

Insurance for septic tank installers and pumpers.

Our Contractors Insurance Program is tailored to fit the specific needs of septic system installers. Plus, we offer competitive rates and a Group Safety Dividend Plan for eligible MOWA members.

Group Safety
Dividend Plan

For a free, no obligation quote or more information you can contact any one of the following:

- Overland Insurance | 218.346.6250 | Perham, MN
- Your local independent QBE agent
- QBE Minneapolis Office | 800.862.7405

Recommended by:



QBE and the links logo are registered service marks of QBE Insurance Group Limited. All coverages underwritten by member companies of QBE. © 2016 QBE Holdings, Inc.

MPCA completed three SSTS enforcement cases during first quarter

During the period of January - March, 2017, the MPCA completed 47 enforcement cases. Three of the 47 cases (6 percent) were SSTS related. They were located in Canby (\$3,450), Rochester (\$1,565, unlicensed work), and Mabel (\$500, straight pipe).



MPCA Updates and Information

SSTS online search tool up, running again

The MPCA SSTS licensed business online search tool is working again. To find it Google the phrase “SSTS search tool” and the link should appear at the top of your search results.



Compliance reporting clarified,
Continued from Page 1

When does the clock start?

State rule requires inspectors to file a complete compliance inspection report within 15 days of completing a compliance inspection for any new, replacement, or existing system.

The general expectation is that an inspector will visit an SSTS site, conduct the inspection, complete the compliance inspection form/report including "system status date," and record the compliance determination.

Ideally, all this would take place on the day of the inspection or within a few days. The inspector then has 15 days from the "system status date" entered on the compliance inspection form/report to deliver the completed report to the system owner and local unit of government.

Of course, things don't always go as planned/expected and on occasion an inspector may arrive for an inspection only to discover that additional field work (such as getting a tank pumped) is required before he or she can positively confirm the system is or is not in compliance.

"The rule of thumb here is that an inspection is complete when all necessary field work has been done and you have all the information you need to make a valid determination of compliance without having to return to the site," says MPCA SSTS Manager Jim Ziegler. "At that point complete the compliance inspection form and enter the date." That's when the 15-day clock starts, Ziegler said.

Ziegler added that waiting for payment is not a valid reason to delay completing and dating the compliance inspection form/report.

Even in cases where inspectors find it necessary to bring in other professionals to help complete necessary field work, it's important to keep the inspection period for a particular SSTS

as short as possible so there is little chance some aspect of the system changes in the meantime.

Why is the 15-day reporting rule so important?

One reason the compliance inspection is so narrowly defined as the act of issuing a COC or NON is that SSTS compliance status is tied to many land use and real property laws, decisions, and policies. As many SSTS inspectors know – when an SSTS inspection is triggered, time is almost always of the essence.

Good decisions are hinged on timely and accurate information. Once an inspection is triggered, it must be completed. Once it is completed, it must be reported. SSTS inspectors play an important role in providing necessary information to property owners, local governments, potential buyers, mortgage underwriters, and countless other members of the public with a vested interest in knowing how well our decentralized wastewater treatment infrastructure is performing. SSTS inspectors cannot unreasonably stretch out inspections or withhold reporting.

What can happen if I don't follow through with the reporting?

It is an inspector's obligation to submit inspection reports to the system owner and local government within 15 days of completing an inspection. Failure to do so can result in citations or other more severe enforcement actions. Avoid these consequences by completing inspections within a reasonable time and submitting inspection reports to the owner and local government within 15 days of determining a system's compliance status.



MPCA Revamps Annual Report Data Collection

New online tool should make annual SSTS reporting a SNAP

By Cody Robinson, MPCA

The MPCA is working to develop a more efficient data collection process for the SSTS Annual Report. The goal is to use the SNAP® web-based survey software to cut down the time it takes to prepare, send, receive and consolidate data. This will allow the MPCA to focus more time developing the report content and obtain more accurate, representative data statewide.

What will the new format look like?

Surveys will be sent via email as usual, but instead of an attached spreadsheet, the email will contain a link to the web-based SNAP survey. When the link is selected, a survey, unique to your jurisdiction, will launch. SNAP has the ability to save your progress so you can complete the survey over time. Once you have completed the survey, you can print the report for your records and submit your data to the MPCA with the click of the mouse.

Will there be any significant changes?

Yes and no. The survey will mirror the look and functionality of the spreadsheets used in the past. Program-specific questions and numbers will be the same as before and in a similar order.

The biggest change you will notice, other than the look and nature of taking a web-based survey, is that certain questions must be answered in order to submit the survey. This is due to our continued effort to get more representative statewide data.

Another change will be the tank reporting process. You will be required to report tanks installed by license number and will not be able to see the business names as readily as before. To help ease this transition, there are a few annual report tips and recordkeeping suggestions below.

Is the Annual Report an annual headache?

As the SSTS Annual Report contact from the MPCA, I know there are multiple jurisdictions that experience difficulty with annual reporting requirements. As we head into the 2017 building season, please take note of the following SSTS reporting tips and suggestions to make the process go smoothly come next December:



Keep the MPCA informed when local contact information changes. Since we use emails to distribute the survey, it is important to keep us in the loop when staff changes; this allows us to send out the survey in a timely manner. Also, make sure you provide your local program information in the contact information section. We want to send the report to the local SSTS administrator as the primary contact, who can then distribute to an inspector or other party to complete the report, if necessary. We try to maintain a running contact list of all SSTS program administrators in the state.

Record license numbers when you issue building permits. Recording and tracking license numbers when permits are issued will be the best way to easily complete the tank report at the end of the year. Keep in mind that performance systems are only counted as one (1) tank per system. When each permit is issued, record the license number, e.g. L9999—note this is different from certification numbers, which are prefixed with the letter “C” instead of the letter “L”, and number of tanks installed for that permit. Not only will this make tank reporting a breeze, but it may also prevent unlicensed work from taking place.

Use your current Annual Report spreadsheet to track your numbers throughout the year. Since the online survey is going to have the same questions as the spreadsheet, why not use the spreadsheet to keep a running total of your program numbers throughout the year? You may even use the tank report tab on the spreadsheet to keep track of common installers in your area. If you would like to receive a copy of your annual report spreadsheet unlocked, please feel free to ask.

I am eager to work with anybody experiencing issues with the SSTS Annual Report. Please feel free to contact me by phone at 651-757-2535 or email, cody.robinson@state.mm.us.

Moving? Changing jobs? Let the MPCA know

If you move, change jobs, or change your email address, make sure you notify the MPCA. It can be difficult tracking down operators when contact information changes. Notify Brenda Tischler (brenda.tischler@state.mn.us) or 651-757-2111 with any changes.



MPCA Rule Change; Don't miss SSTS at State Fair

Rule change: facilities can choose table or measured values to determine need for SDS permit

By the MPCA

The MPCA has been working with MOWA on a rule change related to when a facility is required to get a State Disposal System (SDS) permit vs. a local permit.

To help answer this question under existing rules, a facility could measure its actual wastewater flows or use "table values," values stated in rule for various types and sizes of facilities.

If a facility did not measure flows, they needed to use table values in determining the type of permit needed. If they did measure flows, they needed to use the greater of the two values to determine the type of permit required.

The most significant proposed change would change rule language to indicate a facility can choose to use either table values or measured values to determine the type of permit required.

The change is expected to be in place for the 2018 season.

SSTS at the State Fair

MPCA staff are hard at work on exhibits for the 2017 Minnesota State Fair Eco Experience. This year the Eco Experience will include an SSTS exhibit. It's still top secret right now, but you won't want to miss it.



BUILD STRONG — BUILD SAFE

With Precast Tanks to 40,000 Gallons



- Quality- Engineered
- Superior Construction
- Easy Installation
- Septic, Holding, Grease
- HS-20 Traffic Loading Tanks Available
- Latest Technologies
- Guaranteed Water Tight
- Vacuum Testing Available

Providing Complete Underground Precast Solutions!



Wieser Concrete has precast solutions for every underground project from basic manholes to custom designed storm water applications.

WIESER CONCRETE
Innovation, Quality and Service since 1965

www.wieserconcrete.com



SERVING ALL OF MINNESOTA

Maiden Rock, WI
Jordan, MN

800-325-8456
877-746-6211

"Where Quality is a Standard Not an Extra"



REACHING FURTHER ALL DAY. EVERY DAY.

DO MORE WITH THE CAT® F SERIES

The next generation of Cat hydraulic excavators is designed to reach further — to set new industry standards for productivity — all day, every day.

- Greater lift capacity and digging force result in higher productivity
- Cab improvements increase operator comfort
- Multiple Cat Work Tools available for a wide range of applications
- Cat Grade Control allows real-time bucket tip elevation guidance

MINNESOTA 800.352.2812

Bemidji • Brainerd • Buhl • Columbus • Crookston • Duluth • Fergus Falls • Jackson
Mankato • Marshall • Minneapolis • Rochester • Shakopee • St. Cloud • Willmar

ZIEGLER CAT

www.zieglercat.com

National News: Upcoming Conferences; New Leadership

2017 Onsite Wastewater Mega-Conference is October 22-25, 2017

By Sara Heger, Ph.D., University of Minnesota OSTP

The 2017 Onsite Wastewater Mega-Conference is hosted by NOWRA and NAWT, with three state associations as co-hosts: DOWRA (Delaware), MOWPA (Maryland), and POWRA-PA (Pennsylvania). The conference will be held October 22 - 25 at the Dover Downs Hotel & Casino in Dover, Delaware.



Attend this Conference for the Value—Networking, Education

Onsite wastewater industry professionals—contractors, engineers, designers, regulators, and educators—will benefit from attending this conference.

In addition to the educational sessions and the expo, “The great value of the conference is in the networking,” said Mega-Conference Committee Chair Tammy Trantham, Missouri Small Flows Association.

“This is the place to bounce ideas off each other and to get together and look at solutions. Why reinvent the wheel if someone else has worked through the same obstacle,” Trantham said.

Among issues to be discussed, the conference will examine nutrient management and removal, an especially critical issue on the East Coast said Trantham.

Many places along the East Coast have nutrient management and removal programs that other locations can emulate, Trantham said. Conference participants will be able to return home with solutions in mind for their own back yards.

Brian Carbaugh is president of the Delaware Onsite Wastewater Recycling Association (DOWRA), one of the state affiliates co-hosting the 2017 conference. “We are happy to be here and to co-host the conference.”

To do their jobs, onsite professionals must understand all aspects of nutrient management, including basic scientific principles, Carbaugh said. Attending the Mega-Conference is one-stop learning.

Dover Downs Hotel & Casino is located at 1131 N. DuPont Hwy, Dover, DE 19901.

Rates - Room rates are \$125/night (single or double), plus 8% tax and a \$6/night resort fee.

Hotel rate deadline - Reservations must be made by September 20, 2017 to receive the reduced room rate. After that date regular room rates will apply.

Make a Reservation - To reserve your room, call 866-473-7378 and mention that you will be attending the NOWRA Mega-Conference. A link to reserve your room online will be available on the NOWRA website soon.

Meet Your Continuing Education Requirements

In most states, the conference curriculum will qualify for credit hours in licensing or professional certification programs. Attendees will learn from these opportunities:

- General Sessions with nationally known speakers
- Multiple concurrent sessions covering topics such as technology, case studies, regulation and policy, and topics of particular interest to onsite professionals on the East Coast
- Field trips to innovative and informative sites
- An expansive exposition with the latest technology and services
- Social events and other gatherings with great networking
- NOWRA National Backhoe Roe-D-Hoe®
- State Onsite Regulators Alliance (SORA) Annual Meeting

Location Enhances Value of Attending

“We have good, active state affiliates represented and are sure to have good conversations of value to attendees. You can never learn too much,” Trantham said. “We expect a good turnout.”

“This is the first time the conference has been held in the Northeast in several years. I urge members to take advantage of the location,” Carbaugh said. “It’s conveniently located to several states. We look forward to being part of the cooperative programs.”

Delaware was an early adopter of some systems being used for onsite wastewater technology today. “Delaware has done a little bit of everything in wastewater treatment,” Carbaugh said, “so attendees can talk with counterparts from the Mid-Atlantic and learn about the region’s systems and technologies.”

For more details regarding the conference as it becomes available, visit www.nowra.org/2017mega.

National News: Upcoming Conferences; New Leadership



EDUCATION: FEBRUARY 21-23, 2018

EXHIBITS: FEBRUARY 22-24, 2018

INDIANA CONVENTION CENTER

Heger to present at national Water & Wastewater, Equipment, Treatment & Transport Show in February 2018

The WWETT (Water & Wastewater, Equipment, Treatment & Transport) Show is the world's largest annual trade show for wastewater and environmental services professionals with 600 exhibiting companies, 110 conference sessions, and a schedule of great events.

The WWETT Show 2018 will be held at the Indiana Convention Center in Indianapolis, IN. The education schedule runs February 21-23, 2018, and the Marketplace Expo is open February 22-24, 2018.

Presenters for the *Comprehensive Installation Training* are Dr. Sara Heger, an engineer, researcher and instructor in the Onsite Sewage Treatment Program in the Water Resources Center and Adjunct Assistant Professor in the Bioproducts and Biosystems Engineering Department at the University of Minnesota and Dr. John R. Buchanan, an Associate Professor in the Biosystems Engineering and Soil Science Department at the University of Tennessee.

This Installer Training Program is designed to convey nationally focused best practice standards for onsite wastewater treatment system installation processes as identified by industry stakeholders through an intensive national review process. The sessions will include and Introduction to Onsite Systems, Safety, Soil and Site Concepts, Construction Materials and Techniques, Planning, Distribution, Watertight Piping and Tanks, Dosing Systems and Controls, Advanced Treatment and Soil Treatment Areas. The program promotes uniformity in practitioner training on installation practices and supports the credentialing of these professionals.

The Installer Training Program:

- Clarifies the responsibilities of professional installers.
- Familiarizes installers with standardized techniques and procedures for constructing or installing various onsite wastewater treatment system technologies.
- Promotes uniform communication between professional installers and their clientele through the use of standardized terminology.

- Establishes a benchmark for competency of installers and enhances the overall status of the onsite wastewater treatment profession.
- Supports initial credentialing and continued professional development of installation contractors.

Installation professionals who integrate best practice standards appropriately into their business models will have an advantage over their competition. This program serves as a mechanism to move the industry one step closer to the goal of uniform installation practices while raising the level of expertise and industry professionalism. At the conclusion of this presentation, the attendee will be able to:

- Function as a professional representative of the wastewater treatment industry.
- Conduct construction, installation, or alteration of a wastewater treatment system according to a design while meeting applicable safety and regulatory standards.
- Be able to evaluate site conditions relative to accuracy of system design and system constructability.
- Protect soil and site characteristics during construction to ensure that public and environmental health risks are minimized.
- Document and retain quality control/quality assurance records.
- Document completed installation via as-builts, sketches, and photos as appropriate (including alterations to the installation).
- Conduct site restoration according to regulatory and/or contractual provisions.
- Provide monitoring, operation, and maintenance guidelines and educational resources regarding system function and capacity to the system owner.
- Provide for proper abandonment of system components as necessary.

For more details, visit: www.wwettshow.com

National News: Upcoming Conferences; New Leadership

NOWRA seats new officers and Board of Directors members

Jim Bell took office as NOWRA President January 1, 2017. Developing a sustainable future for NOWRA and the onsite industry is Bell's theme as President. **Goals: NOWRA Sustainability; Marketing Industry** industry. He believes lobbying at the federal level will develop legislation or policies to position the onsite industry for growth.

An engineer, Bell is Executive Vice-President, Bio-Microbics, Inc., Shawnee, KS. He holds degrees in sanitary engineering, business administration, and civil engineering. For many years, Bell has been a volunteer leader with organizations devoted to wastewater treatment, including NOWRA, NSF®, Water Environment Federation, and more.

Carl Thompson became NOWRA Vice-President. He is also Vice-President of Sales & Marketing at Infiltrator Systems, Inc., Old Saybrook, Conn. Thompson has been working in the onsite industry for 17 years in technical, regulatory, marketing, and sales roles. Thompson has completed master's degrees in engineering and business and has been a licensed professional engineer (civil) for more than 20 years.

As Vice-President, Thompson wants to assist all commercial NOWRA members to grow their businesses through an effort to increase the overall market size of the onsite/decentralized

Continuing as officers are treasurer, Curtis Moore, M&M Soil Consultants, Inc., Fredericksburg, Va. Gregory Graves moves into the Past President spot. He is General Manager, NORWECO, Inc., Norwalk, Ohio.

In addition to the officer changes, four onsite wastewater professionals were elected to the NOWRA Board for the first time. The following will serve for the 2016-2019 term:

- K.R. "Trapper" Davis, Coastal Plains Environmental Group, Providence Forge, VA.;
- Sara Heger, Adjunct Professor, Bioproducts and Biosystems Engineering Department, University of Minnesota, Minneapolis/St. Paul, MN;
- Joyce Hudson, Consultant, Hudson & Hudson Enterprises, Manassas, VA.; and
- Tony Mendes, Tony Mendes Excavating, Scottsbluff, NE.



Water doesn't grow on trees.

Only efficient, low cost, easy-to-use wastewater treatment systems make life possible for people and businesses around the world.

Petersen Supply works with licensed contractors to design and install wastewater treatment systems in single-family homes, large developments, restaurants, and other commercial projects.

Petersen
Over 90 years of innovation in the pipeline and wastewater industries.

BIO MICROBICS
BETTER WATER. BETTER WORLD.™

**Water, Wastewater and Stormwater
Simple, Low Cost, Robust Onsite Treatment Systems!**
www.petersenonsite.com | (262) 692-2416 | tony@petersenproducts.com
© 2014 Bio-Microbics Inc.

In D.C.: NOWRA Advocates for Restoration of Funding

Legislative Fly-In Brings Industry Message to Congressional Reps

Representatives of NOWRA brought an industry message to House and Senate members on May 2nd and 3rd in a series of meetings during the “Legislative-Fly-In. NOWRA is now asking onsite professionals to take action!

The National Onsite Wastewater Recycling Association (NOWRA) is the onsite wastewater industry’s largest national organization. Founded in 1992, NOWRA focuses its efforts in four areas:

- 1.) Representing the industry’s interests in Washington, DC, both on Capitol Hill and with federal agencies;
- 2.) Educating homeowners and communities about the benefits of onsite and decentralized infrastructure and the need to manage it properly;
- 3.) Raising the level of professionalism in the industry through education and training; and
- 4.) Improving standards of practice.

In 2017 NOWRA has been, and will continue to be, involved in a number of activities and events which are intended to have a positive impact on our industry. Here is an update on just a few:

Washington DC “Legislative Fly-In”

On May 2nd and 3rd approximately two dozen NOWRA Board members and other industry professionals from all over the country travelled to Washington D.C. for what was promoted as the “Legislative Fly-In”. The Fly-In provided onsite industry professionals with several opportunities to rub elbows with a number of members of the United States Senate and the House of Representatives.

Face-to-face time with our elected officials at any level is invaluable, and NOWRA’s national lobbying firm, which is located in D.C., ensured that the attendees representing our industry had ample opportunity to make their concerns and hopes known

NOWRA representatives held roughly 50 meetings. Most of them were with members of the House and Senate, including many with members of the four committees which regulate and provide funding for water and wastewater:

- the House Transportation and Infrastructure Committee,
- the Senate Environment and Public Works Committee, and
- both the House and Senate Appropriations Committees.

Several Fly-In attendees also participated in meetings with EPA’s Office of Wastewater, USDA’s Rural Utilities Service

(RUS), and the President’s Council on Environmental Quality, which coordinates the President’s Environmental Policy across all federal agencies.

NOWRA had several goals for its congressional visits:

1. **Get Congress to restore funding in the government’s 2018 budget that supports our industry.** While our industry does not get nearly enough funding relative to our needs, the President’s budget eliminated the two primary sources of funding that we do receive –Section 319 funding from EPA’s Clean Water State Revolving Fund and water and sewer funding contained in USDA’s Rural Utilities Service budget. Most offices visited by members were very supportive of restoring funding for these two important programs.
2. **Ask US House Members to join the Decentralized Wastewater Recycling Caucus.** Late last summer, NOWRA was successful in establishing this Caucus as an official body of the U.S. House of Representatives. While a Caucus is really just a group of Representatives who support our industry and its goals, it ensures that we have people we can approach who can introduce legislation, hold hearings, get answers from federal regulators, etc. Several offices committed to joining the Caucus during our visits.
3. **Support NOWRA’s proposed legislation** which requires EPA to report to Congress on the successes and obstacles it faces funding decentralized wastewater treatment, and requires small communities to self-certify that they have considered all wastewater treatment options before making a decision about treatment.

Why is it important for NOWRA to represent our industry in Washington? In a word, fairness. Although Onsite/ Decentralized wastewater treatment systems serve 85 million Americans—25% of the country and 30% of new construction—the industry is virtually ignored when it comes to helping to fix the infrastructure issues that confront us. Since 1990, Congress and the EPA have given states more than 100 billion dollars in grants and loans to address wastewater treatment issues, and 99.7% of this money has been directed to centralized (big pipe) sewage collection and treatment systems. Unless our industry educates Washington about this fundamentally unfair situation, it is unlikely to change.

NOWRA Advocacy, Continued on Page 15

NOWRA Advocacy, Continued from Page 14

Attendees at the Fly-In were focused on this subject when speaking with the legislators that participated. The Fly-In was considered to be a great success by those who attended.

Annual Conference – Dover, Delaware

NOWRA will hold its 3rd Onsite Wastewater Mega-Conference October 22-25, 2017 in Dover, Delaware at the Dover Downs Hotel & Casino. NOWRA is teaming with NAWT (National Association of Wastewater Technicians), DOWRA (Delaware Onsite Wastewater Recycling Association), MOWPA (Maryland Onsite Wastewater Professionals Association), POWRA-PA (Pennsylvania Onsite Wastewater Recycling Association) and SORA (State Onsite Regulators Association) to create what is being billed as the “Mega-Conference”. If it is anything as successful as 2015’s Mega-Conference held in Virginia Beach, Virginia, you will want to make the trip!

This conference will revolve around an expansive exhibition hall where virtually anything and everything related to the onsite industry in terms of services and products will be featured. More educational sessions than one can possibly absorb will be ongoing, and field trips to several sites will provide attendees with an opportunity to observe technologies while in actual use. Various social events will offer exceptional opportunities to mingle with others in

the business. And if you have not seen NOWRA’s annual “National Backhoe Roe-D-Hoe® Competition”, or better yet you feel that you are pretty good with a bucket, you really need to go to Dover in October. It’s amazing! Visit www.nowra.org/2017mega for more details.

NOWRA To Co-Publish International Private Sewage Disposal Code With ICC

The International Code Council and NOWRA recently announced an agreement to co-publish the International Private Sewage Disposal Code (IPSDC). The IPSDC addresses the best practices and technologies to ensure the safety and welfare of communities, individuals, and businesses that utilize their own onsite wastewater solutions. The code is currently adopted within 17 states and by 102 jurisdictions, the U.S. territories of Guam and Puerto Rico, as well as in Abu Dhabi.

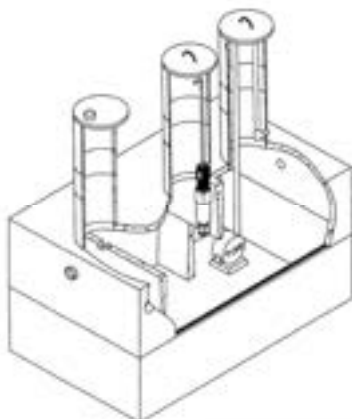
Through leveraging the combined expertise of ICC’s and NOWRA’s memberships, the collaborative effort on the IPSDC will facilitate the use of the latest science-based best practices and innovative technologies in safely handling onsite, decentralized wastewater, thereby reducing customers’ costs. The IPSDC addresses inconsistencies

NOWRA Advocacy, Continued on Page 18

WILLMAR PRECAST COMPANY

Products, Services & Solutions for Your Septic Installation

“Helping put money in your pocket and not down the drain.”



Concrete Drop Boxes

Straight 1000-3500 Gallon Septic Tanks
1500-3500 Gallon Combination Lift Tank & Septic Tank
Complete line of Zoeller pumps, gravelless drain field and filter fabric

- Complete line of tanks to accept effluent filters
- Prompt delivery on your schedule
- Entry to the tank can be made from either side or the end
- Tanks designed to conform to standards set by the Minnesota Pollution Control Agency
- Engineer designs available upon request

For ordering, pricing and other information, please contact:

Willmar Precast Company
Toll Free: 1-800-559-8527

Tony Ruppert Scholarship Deadline is August 15th

2017 Tony Ruppert Scholarship Application

The Minnesota Onsite Wastewater Association (MOWA) is pleased to announce that applications are now being accepted for the Tony Ruppert Scholarship Fund. Up to \$5,000 in scholarships are available to high school graduates (as of June 2017) who will be enrolled as a full-time student in post-secondary undergraduate education during the 2017- 2018 school year.

Applicants must be no more than 26 years old as of June 1, 2017 and be a MOWA member, or a child, sibling, grandchild, or niece/nephew of a MOWA member. Students may only win this scholarship once. Students must complete an application, write an essay, and provide certification of the relationship to a MOWA member or member's employee.

A complete application must include: (3 items)

Item 1: Application Form (To be completed by the student; you may use this form or print all required items on a separate sheet.) Please type or print clearly:

Name: _____ Social Security #: _____

Address: _____ City/State/Zip: _____

Phone: _____ E mail address _____

Year graduated from high school _____ MOWA Member Name _____

Name of school you are/will be attending: _____ (Must be a full time student)

Curriculum you are/will be enrolled in: _____

All of the above information is true and correct and I hereby grant permission to MOWA to reprint my essay or abstract in whole, or in part, or use the created digital media for informational or advertising purposes, such as on the MOWA website or as a MOWA newsletter article or press release.

_____ (Applicant's signature)

Item 2: Essay. See Essay Content Form

Item 3: Certification Form: (To be completed by the MOWA member)

Name of Applicant for Tony Ruppert Scholarship: _____

The Tony Ruppert Scholarship Fund Applicant is my: _____ (insert relation).

I agree that the information contained in this form is true and correct to the best of my knowledge:

MOWA Member Name (printed): _____

MOWA Member Signature: _____ Date: _____

Business Name and Address: _____

All applications must be submitted to MOWA no later than August 15, 2017. Applications will be rated by a panel of MOWA members. Winners will be notified in September 2017.

Send the complete application (with essay in Word format) to: mowacarla@aol.com



Don't forget to register for the 2017 Summer Seminar!

See Pages 4-5 for registration materials!

The is a bi-monthly publication of the Minnesota Onsite Wastewater Association

Editor: Carla Tourin E-mail: MOWAcarla@aol.com

The articles printed in the publication do not necessarily reflect the opinion of this organization. Readers are encouraged to respond to the articles with their own points-of-view. We welcome industry-related comments or articles. Information or inquires should be sent to any of the following: MN Onsite Wastewater Association, MOWA, 5021 Vernon Ave, So., Suite 241, Edina, MN 55436

Phone: 612.801.5897 Fax: 952.487.4447
Website: www.mowa-mn.com

Tony Ruppert Scholarship Instructions & Tips

This essay is to be completed by the applicant. The applicant can choose a topic to write about that is related to the environment, water quality and quantity, and wastewater treatment. The sponsor of this scholarship is the Minnesota Onsite Wastewater Association (MOWA). MOWA is associated with the onsite/decentralized wastewater industry (a.k.a. septic systems). The sections of Introduction, Literature Review, Conclusions and References shall be included in the essay.

TITLE

AUTHOR

DATE

I. INTRODUCTION

What is the problem/issue? Keep the introduction brief, but do indicate the purpose of the paper as well as present appropriate background. Make sure that the reader knows enough to appreciate the relevance of the issue and why it is appropriate to ask the question that you will address with your paper. State what angle is going to be explored and arrange key issues that will be addressed in this review by answering questions that you have personally developed and are tailored to fit your topic.

Typical length 2-4 paragraphs.

II. LITERATURE REVIEWED

This section is a summary of information, references and research that has been published about your particular subject. It provides the reader with an idea about the current situation in terms of what has been done, and what we know. Sometimes it includes suggestions about what needs to be done to increase the knowledge and understanding of a particular problem.

This is the longest section of your essay and will range from one to several pages.

III. CONCLUSION

Effectively wraps up the review. Summarize the points of comparison or contrast among the works based on information and literature reviewed. It should also provide insight of relationship between the topic of the review and a larger area of study such as a specific discipline or profession

Typical length 2-4 paragraphs.

IV. LITERATURE CITED

Literature citations in the body of your paper should be in parentheses and contain only the author's last name and the date; for multiple authors include the last name of the first author, et al., and the date. If the author's name is used in the text then just the date in parentheses is sufficient. For example: (Monod, 1949) (Neidhardt et al., 1990) or Monod (1949) compared the reaction..... List all literature cited in your report in alphabetical order by the last name of the first author in a separate section. Use the proper form for citations. If the citation is to a specific page add the page number. For a technical paper you will need to review several sources.

For this essay a minimum of four citations is required.

Examples:

For scientific papers:

Monod, J. 1949. The growth of bacterial cultures. *Annu. Rev. Microbiol.* 3:371-394.

For a book:

Neidhardt, F.C, Ingraham, J.L. and. Schaechter, M. 1990. *Physiology of the Bacterial Cell.* Sinauer Associates, Sunderland, MA.

For a newspaper article:

McKay, D. 2000. Arsenic: how much is safe? *Albuquerque Journal.* July 30, 2000, p. A1.

For a web site:

National Research Council. 1999. Arsenic in drinking water. Subcommittee on Arsenic in Drinking Water. <http://www4.nationalacademies.org/news.nsf/isbn/030906337?OpenDocument>.

For a personal communication:

Sanchez, R. 1993. City of Socorro, Water Utilities Division, Socorro, NM. Personal communication.

Precast Systems
Concrete Products

Serving the area for over 40 years!

116 E. Hwy. 12 • Darwin, MN 55324

Toll Free 888-693-8440

320-693-8440 • Fax: 320-693-9593

www.darwinconcrete.com

Septic Tanks
Holding Tanks
Traffic Load Rated
Grease Interceptors

Septic tanks are designed to exceed industry standards.

Guaranteed water tight.
Vacuum testing available.
Prompt Delivery.

OVERLAND INSURANCE AGENCY



Our office has been the Administrating Agency for over 20 years. We know the Wastewater

Mike Overland *Industry.*

Nate Overland *Call us for your Bonding or*

Harold Overland *Insurance questions.*

Phone: (888) 346-6250

Fax: (218) 346-9261

Website: <http://www.overlandinsurance.com>

255 3rd Ave SE

P.O. Box 150

Perham, MN 56573

2017 OSTP Certification Course Descriptions and Offerings

Introduction to Onsite Systems (15 Direct Credits)

Fee: \$360 Exam: Yes

This 15-hour workshop is the foundation for all SSTS certification courses and is best completed prior to the other workshops. It prepares participants for the Basic exam and provides an overview of onsite treatment options and concepts. Enrollment in this workshop includes a copy of the Manual for SSTS Professionals in Minnesota.

Topics include:

- Treatment of wastewater
- Site evaluation
- Wastewater characteristics
- Soil treatment systems

10-3 St. Cloud - Moose Lodge 11/13-15/17 Deadline: 11/6/17

Installing Onsite Systems (12 Direct Credits)

Fee: \$265 Exam: Yes

This 12-hour workshop prepares attendees for the Installer exam and provides information about proper installation practices.

PREREQUISITE: Introduction to Onsite Systems

Topics include:

- Construction planning
- Tools for installing
- Construction practices
- Pipelayer certification

112-3 St. Cloud - Moose Lodge 11/16-17/17 Deadline: 11/9/17

Pipelayer Certification (2 Direct Credits, 1 Related Credit)

Course begins at 1:00PM Exam: Yes Fee: \$75

This 3-hour workshop is once again offered this year to accommodate a change in the Minnesota Plumbing Code that requires all septic system installers be either certified pipelayers, licensed plumbers, or registered apprentices in order to install sewer or water service pipes outside of a building in Minnesota.

Topics include:

- MN Plumbing Code
- Pipelaying
- Code compliance bond packet instruction

92-3 Grand Rapids - Sawmill Inn 11/30/17 Deadline: 11/23/17

Enroll online at: septic.umn.edu

OSTP, 173 McNeal Hall, 1985 Buford Ave., St Paul, MN 55108

Fax: 612-624-6434 Phone: 800-322-8642

General Continuing Education (12 Direct Credits)

Fee: \$265 Exam: No

This 12-hour workshop is designed to meet the continuing education requirement for SSTS professional registration. The topics will be varied to give a wide range of information for SSTS professionals.

Topics include:

- Rule change implications
- Working on difficult sites
- Pressure distribution
- MPCA update

60-3 Mankato - Morson-Ario VFW 11/2-3/17 Deadline: 10/26/17

60-4 St. Cloud - Moose Lodge 12/12-13/17 Deadline: 12/5/17

Soils Continuing Education (6 Soils-Specific Direct Credits)

Fee: \$240 or \$405 with Munsell Color Guide Exam: No

This 6-hour course couples classroom and field training to meet soils-specific MPCA continuing educational requirements for designers and inspectors. Munsell Color Guides are available for \$165 and Sand Cards for \$10.

Topics include:

- Regional geology and soils
- Soils observations
- Local soil hydrology information
- System siting and design

55-4 Cook - VFW Post 1757 7/27/17 Deadline: 7/20/17

55-5 Alexandria - Douglas County Public Works Building 8/8/17 Deadline: 8/1/17

55-6 Lamberton - SW Research and Outreach Center 8/31/17 Deadline: 8/24/17

55-7 Austin - Holiday Inn 9/19/17 Deadline: 9/12/17

Installer Continuing Education (12 Direct Credits)

Fee: \$265 Exam: No

This 12-hour workshop will meet the continuing education requirements for any certification but is specifically tailored for Installers. All information will be provided from the perspective of a system installer.

Topics Include:

- Construction safety
- Pumps and dosing
- Keys to proper installation
- Rule change implications

69-3 Grand Rapids - Sawmill Inn 11/29-30/17 Deadline: 11/22/17

NOWRA Advocacy, Continued from Page 15

within many regulations that dictate how decentralized systems can be designed, installed, and operated.

“Decentralized solutions are not only acceptable but, in many cases, the preferable means for effectively and efficiently handling wastewater,” explained ICC Board of Directors President M. Dwayne Garriss. “These systems can sustainably serve single homes, neighborhoods, and entire communities, including commercial and industrial facilities.”

“NOWRA is pleased to collaborate with ICC on development of the next version of the International Private IPSPDC,” said Jim Bell, NOWRA Board of Directors President. “This agreement will help local and state jurisdictions ensure that their own regulations encompass the greatest advances in the science and technology of onsite and decentralized wastewater

treatment. We believe the IPSPDC will speed up technology transfer and lower costs to the consumer by encouraging modernization and greater regulatory consistency between regulations at both the local and state levels.”

The code development cycle for the 2018 IPSPDC is complete and the latest issue will be available through the ICC and NOWRA websites in 2017. The 2021 IPSPDC code development cycle will be the first where NOWRA members will be collaborators on the code. Communities looking for more information to adopt the IPSPDC can contact Sara Yerkes, ICC Senior Vice President of Government Relations, at 1-888-ICC-SAFE (422-7233), ext. 6247 or by email at syerkes@iccsafe.org



2017 MOWA MEMBERSHIP APPLICATION

Membership: Renewal New Member

- Individual Member \$240 (1 person)
 Business Group /Government Unit \$340 (up to 5 people; \$100 /person after 5)
 Student \$140 (1 person)
 Life-time Honorary

Note: Your MOWA Membership includes one NOWRA membership

Memberships are based on calendar year - After July 1st, new members pay \$140-individual / \$190-business or gov't groups for remainder of 2017

Individual/Group Contact: This person will be listed as the NOWRA member on the Septic Locator website. They will be listed first in all MOWA publications. Please print clearly.

• 1st Member _____ Company Name _____
 Address _____ City/State/Zip _____
 Title _____ Phone _____ Mobile/800# _____ Fax _____
 Email _____ Website _____ County _____

Circle the counties you work in: *Needed for Directory and Website.*

Statewide 88	Clay 14	Hubbard 29	Marshall 44	Pipestone 59	Steele 74
Aitkin 1	Clearwater 15	Isanti 30	Martin 45	Polk 60	Stevens 75
Anoka 2	Cook 16	Itasca 31	McLeod 46	Pope 61	Swift 76
Becker 3	Cottonwood 17	Jackson 32	Meeker 47	Ramsey 62	Todd 77
Beltrami 4	Crow Wing 18	Kanabec 33	Mille Lacs 48	Red Lake 63	Traverse 78
Benton 5	Dakota 19	Kandiyohi 34	Morrison 49	Redwood 64	Wabasha 79
Big Stone 6	Dodge 20	Kittson 35	Mower 50	Renville 65	Wadena 80
Blue Earth 7	Douglas 21	Koochiching 36	Murray 51	Rice 66	Waseca 81
Brown 8	Faribault 22	Lac qui Parle Lake 37	Nicollet 52	Rock 67	Washington 82
Carlton 9	Fillmore 23	Lake 38	Nobles 53	Roseau 68	Watonwan 83
Carver 10	Freeborn 24	Lake of the Woods 39	Norman 54	Scott 69	Wilkin 84
Cass 11	Goodhue 25	Le Sueur 40	Olmsted 55	Sherburne 70	Winona 85
Chippewa 12	Grant 26	Lincoln 41	Otter Tail 56	Sibley 71	Wright 86
Chisago 13	Hennepin 27	Lyon 42	Pennington 57	St. Louis 72	Yellow Medicine 87
	Houston 28	Mahnomen 43	Pine 58	Stearns 73	

Information: (Check all that apply)

- Installer Pumper Designer Inspector Gov't Regulator Educator Service Provider Student
 Soil Scientist Professional Engineer Manufacturer Operator/Maintenance Supplier Other: _____

Additional Business/Government Members:

• 2nd Member _____ Title _____ County _____
 Address _____ City/State/Zip _____
 Phone _____ Mobile/800# _____ Fax _____ Email _____

• 3rd Member _____ Title _____ County _____
 Address _____ City/State/Zip _____
 Phone _____ Mobile/800# _____ Fax _____ Email _____

(Please list additional business/government group members on separate sheet with complete contact information.)

Publications: Would you prefer receiving 'Little Digger' newsletters via ... Regular Mail Electronically
 We currently send one publication per address to business/government groups. Contact the MOWA office if you'd like additional copies.

Additional NOWRA Memberships: MOWA membership fees include one NOWRA membership per company/organization. List names of members who want additional NOWRA memberships here: Cost - \$40 per person.

2) _____ 3) _____ 4) _____ 5) _____

Payment: (Please print) MOWA Membership \$ _____ + Add'l NOWRA Memberships = **Amount: \$** _____
 Check enclosed (Payable to MOWA) VISA MasterCard
 Card Number: _____ CVV: _____ Expiration Date: _____ Cardholder Name: _____
 Signature: _____ Date _____

MOWA, 5021 Vernon Ave, So., Suite 241, Edina, MN 55436 Phone: 612.801.5897 Fax: 952.487.4447

Note: Dues payable to MOWA are not deductible as a charitable contribution but may be deductible as an ordinary and necessary business expense. MOWA estimates that 10% of your MOWA dues are used for governmental affairs issues and therefore are not deductible.



MOWA

5021 Vernon Ave, So., Suite 241
Edina, MN 55436
Phone: 612.801.5897
Fax: 952.487.4447

www.mowa-mn.com

Presorted
Standard
U.S. Postage
PAID
Rochester, MN
Permit No. 289

RETURN SERVICE REQUESTED

MySpy™ WiFi Messenger

The MySpy™ WiFi Messenger system uses your existing WiFi or Ether network to monitor and report any residential alarm condition, including sump high water level (float switch), or under/over temperature conditions. The alarm sends text and/or email notifications to your smartphone, tablet or computer providing you peace of mind 24/7. Easy installation and setup! Visit www.mywifialarm.com to learn more.

- ✓ Peace of Mind 24/7
- ✓ WiFi Monitoring
- ✓ Email/Text Notifications
- ✓ No Monthly Fees
- ✓ Battery Backup



SJE Rhombus

www.sjrhombus.com

