IN THIS ISSUE:
MDEQ News | What Are Communities of Practice? | Board of Trustees Nominations
66” Rotating Disk Gate installed at DWSD Plant pressure tested to 500 PSI

“When reliability is required, use Metal Seated Rotating Disc Gate Valves for Water or Sewer. Proven reliability since 1908”

>Contact JGM for all your valve needs including American R/D Gate valves 3” – 108”

JGM Valve
1155 Welch Road, #D
Commerce, MI 48390

(248) 926-6200
jgmvalve.com
contact@jgmvalve.com
THE POWER OF PEERLESS

In all that we do, our commitment to quality is clear.
From the experience of our skilled craftsmen to our command of the latest technologies, we stand apart from the competition.

We take customer service seriously, and work hard to prove it everyday.
That's why when it comes to water supply contracting and hydrogeologic services...

WE’RE PEERLESS!

www.peerlessmidwest.com

Mishawaka, Indiana 574.254.9030
Ionia, Michigan 616.527.3050
Indianapolis, Indiana 317.896.2987
Grand Blanc, Michigan 248.596.2721
Hanson Pressure Pipe is pleased to announce the availability of a new demonstration trailer designed to provide public works managers, engineers, and contractors with a closer look at Hanson’s Bar-Wrapped Pipe produced in accordance with AWWA C303 standards.

Bar-Wrapped Pipe is available in diameters ranging from 10 thru 72 inches and combines the physical strength of steel with the corrosion protection properties of cement mortar.

The trailer includes segments of Bar-Wrapped Pipe, including cross-sections, and various joint configurations along with sample spools to showcase the ease of tapping and repair.

To schedule a learning event for your organization contact:

Geoffrey.stieler@hanson.biz
hansonpressurepipe.com
734.834.0336
Bar-Wrapped Pipe produced in accordance with AWWA C303 standards is designed to provide public works managers, engineers, and contractors with a closer look at configurations along with sample spools to showcase the ease of tapping and repair. The trailer includes segments of Bar-Wrapped Pipe, including cross-sections, and various joint strength of steel with the corrosion protection properties of cement mortar. Bar-Wrapped Pipe is available in diameters ranging from 10 thru 72 inches and combines the physical advantages of steel with the corrosion protection properties of cement mortar.
CHAIR’S MESSAGE

WATER TRANSIENTS – SUMMER 2014
TOM SMITH, CHAIR, MICHIGAN SECTION, AWWA

Association experts say that the key to a viable association is the three ‘C’s’: Connect, Communicate, and Collaborate (Association IMPACT, Issue 6, 2013). Our schedules are full and time is of the essence. So connecting quickly, communicating effectively and then collaborating to complete tasks efficiently is particularly beneficial in associations led largely by volunteers.

Our new strategic plan and organizational structure incorporates the three C’s. The new councils are a direct effort to improve collaboration between committees, streamlining operations. We will continue to reach out to connect to the water community and pursue the best methods of communication. We will consider different approaches to training, alternatives for committee operation, and effective options of informing and serving our membership and the water community.

We look forward to your cooperation as we move ahead with the new strategic plan and organizational structure. Check out Randy Roost’s articles in the News and Notes Section of the WWN for more information.

The following is an update as the year ROARs to an end:

Retaining Programming and Activities
Our Spring Regionals were exceptional with record attendance in some locations. And our Distribution Practices Seminar, Water Security Summit, MIWARN Seminar & Tabletop Exercise, and Small Systems Conference were also well attended.

Boston proved to be a great location for the Association’s Annual Conference and Exposition (ACE) in June as recent attendance records were set. Hopefully you were there to see the Lansing Lethal Ladies win the AWWA International Tapping Contest. If you have never attended ACE, it is worth the time as the magnitude of the show is similar to visiting Vegas for the first time.

Outreach
You have probably heard by now that AWWA is taking on a new Philanthropy initiative. At a recent regional association meeting, the Michigan Section provided a presentation on Philanthropy within our Section. As I gathered information, I realized that the extents of our philanthropic efforts probably goes largely unnoticed.
Safe Water in Ecuador is visible, with outstanding support via fundraising as well as assistance in the development of water systems in Ecuador. But our generosity extends far beyond that with RTP Committee Fellowships for university student research, the Faust Scholarship for students seeking drinking water degrees, the Community Awareness Committee conducting public education at Home Shows, and the Youth Education Committee grants for school teachers, groundwater model donation, and Children’s Water Festival support. And there are other activities that could be considered philanthropic too. We should be proud our Section is reaching far out into the water community.

Access to Leaders
As we pursued our first executive director, we were intentional about including one of our more veteran leaders on the search committee. Chuck Van Der Kolk was willing to provide his expertise, which included past association search committee experience. Chuck provided decisive judgment while always keeping the mood light and I thank him for stepping up. You will read more about our new Executive Director in the Director’s Report, but I’d like to also acknowledge the other leaders on the search committee, which included Barbara Marczak, Jaime Petrovich, Randy Roost and Brian Steglitz.

I want to especially take note of the outstanding leadership of our Director, who chaired the search committee. Brian has been steadfast in his efforts to improve the section over the past 8 years, and it has culminated in the development of the new strategic plan and ultimate hiring of Executive Director Bonnifer Ballard.

As this is my last Chair’s Report, I also want to acknowledge the many years of leadership that Eric Way and Dave Timm have provided. They are preparing the finishing touches on their last Annual Conference as Section employees at the Little River Casino in Manistee, and deserve much praise for their efforts to make our Section very strong for many years.

Real Transition
We continue to work toward implementing our new strategic governance approach and organizational structure. But it hasn’t been easy. Change can often be difficult and I ask that you work with the Board in the development of the 6 new councils. These councils will streamline our committee work rather than add a layer. We will not be disposing of what has worked well, but will instead have more engaged members.

As mentioned, we are thrilled to announce the addition of our new executive director. If you haven’t already met Bonnifer, please be intentional about doing so. Bonnifer is on an orientation tour and is working with Eric and Dave to make a smooth transition following their retirement.

This transition year is nearly over and I know Randy Roost is prepared to take the Section to a new level. He has been at the forefront of the development of the organization structure and will continue to lead the Section forward when I pass the gavel to him in September. Thank you for your support through this transition year. I ask that you continue to support Randy in the same way.

BRANDS YOU KNOW. PERFORMANCE YOU TRUST.
Evoqua Water Technologies continues a 100-year tradition of helping consulting engineers and municipalities respond to market needs and evolving water standards.

Evoqua offers high performance primary, secondary, tertiary and anaerobic treatments, as well as odor control, filtration and disinfection technologies with brands you know, including:

MEMCOR • WALLACE & TIERNAN • ENVIREX • JET TECH
DAVCO • RJ ENVIRONMENTAL • WESTATES • JWI

Our experts are ready to respond with solutions for new plants, upgrades, rehabs and OEM parts.

Search for “rep” at www.evoqua.com to find a manufacturers’ representative near you.
Many of you may already be aware that the Michigan Section has hired its first Executive Director. Her name is Bonnifer Ballard and she began her employment with the Section on July 1. I hope you will soon get a chance to meet her, if you haven’t already. She will be at our Annual Conference in September and attending many of our training, conference, and seminar events that we conduct over the coming months as she attempts to learn more about our organization and industry.

Bonnifer has been in nonprofit management for nearly 20 years and has served in a variety of leadership roles. She most recently came from the American Nuclear Society where she served as Director of Communication and Outreach as well as Director of the Center for Nuclear Science and Technology Information. While there, Bonnifer initiated a strategic communications plan, launched a public information website, improved their annual giving program, built the media program, and played a key role in initiating a major technology upgrade that is positioned to improve the member experience.

Over the course of her career, Bonnifer has been responsible for internal and external communications (including media relations and policy communications), marketing, branding, member development, exhibit and sponsorship sales, chapter relations, professional division relations, fundraising, and event planning. She plans to sit for the CAE exam in 2015, a certification credential for senior staff in association management.

Bonnifer holds a Bachelor’s degree in Business from Cleary University and a Master’s degree in Leadership Development from North Central College. She is a U.S. Navy veteran and until her recent relocation has sat on the Board of Teen Parent Connection, a social service organization based in Glen Ellyn, Illinois that works to empower young women and girls.

She has been married to her husband, Todd, for 19 years and they have two children, Adam and Erika. She enjoys riding her motorcycle and walking her three dogs, Riley (a Sheppard mix), Balou (a yellow Lab), and Ruby (a Great Dane).

Please join me in welcoming Bonnifer to Michigan and AWWA. I look forward to working with Bonnifer over the coming years to ensure AWWA continues to be the “go to” organization in Michigan for water industry professionals. With your continued support and commitment, I am sure that we can make this happen.
Global Technologies, Local Solutions.

Degremont Technologies offers trusted, globally proven solutions for your water treatment challenges.
GETTING DOWN TO BUSINESS...

ERIC WAY, BUSINESS OPERATIONS MANAGER, MI-AWWA
SPECIAL THANKS TO JENNIFER ZELSKI FOR CO-AUTHORING THIS ARTICLE.

The Joint Expo Planning Committee would like to express its sincere thanks to all of the exhibitors, attendees and support staff who helped make the MWEA/MI-AWWA Joint Expo 2014 a great success! Booth spaces at the Expo sold out prior to the show for the first time in recent years. Despite weather challenges, overall attendance was very good with nearly 1,000 Operators’ Day/Finance Seminar attendees, approximately 450 walk-ins (people not pre-registered) plus over 600 booth staff networking with attendees and customers, and making business relationships with other exhibitors.

Alongside key staff from the MI-AWWA and MWEA, the Planning Committee assists in planning and executing the necessary tasks for this event, as well as incorporating ideas and suggestions to make it better each year. We are constantly working to make this a better show for everyone involved; whether you are a student, an operator, or an exhibitor.

Future Joint Expo Dates
We appreciate the sentiment that February’s winter weather can sometimes affect travel and attendance. This concern has been thoroughly examined over the years, and the conclusion is that it is not feasible to move Joint Expo to another month. February is the only practical month that does not conflict with the June MWEA Conference, the September MI-AWWA Conference, ACE, WEFTEC, other local expositions and other seminars and training events offered by MWEA and MI-AWWA. In an effort to keep booth prices low and to allow FREE attendance for the Trade Show portion of the event, the Planning Committee negotiates long term contracts with the site facility. As such, we are secured in a discounted contract with the Lansing Center for the first week in February through 2019.

Attendance & Exhibit Hall Traffic
Attendance at the Trade Show is another feedback topic; whether it is the overall number of attendees, the traffic waves, or the diversity in the occupations of the attendees. To encourage participation in the training sessions as well as the exhibits, both associations advertise and promote their membership as well as the membership of other organizations. The Infrastructure Financing seminar is designed for decision makers, the In-booth presentations for operators, vendors and professional engineers. Other events held inside the exhibit hall are examples of how the Committee is working to improve traffic on the show floor. Lunch for Operators’ Day attendees is broken out into three separate time blocks and held in the exhibit hall, in order to help traffic stay steady and minimize the “waves.”

In the past, the Committee tried afternoon training sessions and looked at scheduling more and longer breaks between the technical sessions; however, feedback from seminar attendees indicated that it was difficult for attendees to set aside such a great amount of time.

Overall, the perceptions of Joint Expo are very positive; the show continues to grow and now sells out early! We hope to continue to provide a valuable experience for everyone, and we welcome suggestions to achieve this! Feedback can be sent to the committee at any time. As a point of contact, any of the following individuals are available to receive your comments and suggestions for improving an event that has been held with much success for 23 consecutive years.

• Jennifer Zelski, Chair, Joint Expo Planning Committee (jenz@hamletteenvironmental.com)
• Lorene Bruns, Past-Chair, Joint Expo Planning Committee (lbruns@duperan.com)
• Jerry Harte, MWEA Executive Director (jerry@mi-wea.org)
• Karlyn Wickham, MWEA Deputy Director (karlyn@mi-wea.org)
• Eric Way, MI-AWWA Business Operations Manager (eway.awwa@gmail.com)

We also welcome any individuals who would like to join the Joint Expo Planning Committee, which meets three times/year. More committee participation and input will only help us to continue to have great Joint Expos in the future. The next Joint Expo Planning Committee meeting is September 17 at 11 a.m. at the MWEA offices in Bath, MI. Will you join us? WWW
Every drop affects his future.

Water scarcity is a fact. At Master Meter we’re empowering utilities to preserve and precisely account for their water resources to help promote long-term sustainability. Our innovative suite of solid-state measurement technology, powerful communication tools, and software intelligence work in harmony to ensure your glass is always half full.

Master Meter, Inc.
Tel: 800.765.6518
innovate@mastermeter.com

Ingenuity and Craft
We create exceptional solutions.

Our products meet Buy America requirements. Made in the USA.

Learn more at ejco.com or 800 626 4653
East Jordan Iron Works is now EJ
Because you’re not just managing water treatment, you’re protecting a community.

Rely on Calgon Carbon to provide the products, services and expertise you need to help keep small communities safe.

Supplying clean, safe community water is no easy task. It is often difficult for communities to comply with current and future regulations. To make matters worse, new pollutants seemingly arise every day.

At Calgon Carbon, we make your job a little bit easier. We have developed a variety of affordable treatment options — from activated carbon to ion exchange systems — for communities of any size and operating budget. Additionally, we provide expert service, technical support and training at no extra cost.

To find out how Calgon Carbon can help you protect what’s most important, contact us today.

1.800.422.7266    www.calgoncarbon.com

Safe, sustainable and innovative. Ductile iron pipe is the SMaRT choice.

Made from up to 95 percent recycled materials, ductile iron pipe has always been environmentally friendly. It’s trusted in thousands of utilities, and more than 600 have had it in continuous use for more than 100 years. Our Sustainable Gold rating and SMaRT certification from the Institute for Market Transformation to Sustainability is further proof that AMERICAN ductile iron pipe is made the right way. Because doing things the right way is the AMERICAN way.
Committee News

Committee News

Changes in Store for the Asset and Infrastructure Management Committee

There have been multiple surveys within the water sector for the past few years, each of which has asked the question, “What water issue keeps you awake at night?” The answer much of the time is what to do about our aging infrastructure, and the cost of rehabilitating or replacing that infrastructure. That is one of the primary reasons why the Section established the Asset and Infrastructure Management Committee several years ago.

Since the committee began it has grown from a small core of six individuals to almost 18 people, all of which have a desire to share their knowledge on the subject with other members of the Section. The big question is how we can best accomplish this objective in keeping with the Section’s new Strategic Plan. We are taking into consideration some of the many changes that are occurring at the Section level with our transition to the new Councils and the Communities of Practice as we formulate our future committee plans. You can read more about these changes in other articles within this issue of the Water Works News.

First of all, the Asset and Infrastructure Management Committee has new chairs. Following our last meeting, the committee is now being chaired by Sally Duffy of Hubbell, Roth & Clark and Jennifer Drinan of Greeley & Hansen. Both of these ladies bring a wealth of experience on this subject matter to the committee and they have been gracious enough to help move us forward through the transition.

One of the first goals for this committee is to establish a series of training activities on Asset Management. These may be in the form of webinars or they may be training sessions at other Section events such as regional meetings, conferences or expos. Our goal is to build upon the guidance of the MDEQ with their Asset Management Guidance for Water and Wastewater Systems which can be found on their website at: http://www.michigan.gov/deq/0,4561,7-135-3307_3515_4143-10784--.00.html

According to the MDEQ there are five core components in an asset management plan. These include:

1) Asset Inventory
2) Level of Service
3) Critical Assets
4) Revenue Structure
5) Capital Improvement Project Plan

We hope to take each of these five components and offer specialized training that focuses on each step of developing an asset management plan. Our focus will be primarily on small to medium sized utilities. This continues our committee work over the past several years working with small water and wastewater systems to evaluate the use of the CUPSS software for completing an asset management plan. We have found that the CUPSS software works well for small systems and that development of an asset management plan can be accomplished in the course of a few months with the assistance of a part-time staff member or even a student intern.

And while the CUPSS software has some limitations on the size of utility that it works best for, we are hoping to use the same principles with slightly larger utilities.

So when do we begin? Our goal is to have the first training webinar on Developing an Asset Registry prepared and available in the fall of 2014 with additional webinars to follow in 2015 on the other topics. If your organization is just starting or restarting an asset management program, you could follow along with the training series as we touch on each core component. In the meantime, your first homework assignment would be to do a readiness assessment to review what your organization currently is doing, what your goals are, and what it will take to achieve them. A formal vision or mission statement for the asset management process should also be developed with input from all areas and levels of your organization. It may be tempting to rush through this program development phase so that you can start the “real work” of asset management. But this vision will guide key decisions during the future components of your program, and topics in this training series (inventory, level of service, criticality, revenue, and investment.)

Be sure to look on the website or on the Section’s Facebook page (https://www.facebook.com/MIAWWA) for more announcements about when you can sign up for these webinars.

In the meantime, if you are interested in joining the committee you can contact Sally Duffy at sduffy@hrc-engr.com.

One of the first goals for this committee is to establish a series of training activities on asset management.
WATER UTILITY COMMITTEE ACTIVITY

Fire Hydrants Exempted From Reduction of Lead in Drinking Water Act
On January 4th of this year, the Reduction of Lead in Drinking Water Act took effect, minus the exemption of fire hydrants, due to the U.S. Congress passage of HR3588, the Community Fire Safety Act. This exemption was the direct result of AWWA members and other interested parties, the Association of Metropolitan Water Agencies and the National Association of Water Companies, contacting and collaborating with elected officials.

2014 AWWA Water Matters! Fly-In a Huge Success
On April 1st and 2nd water professionals from 46 States gathered in Washington D.C. to meet with Congress and discuss issues of pressing concern to the water community. 2014 marked the 13th year for this event. Michigan’s two delegates held meetings with ten of Michigan’s Representatives to discuss WIFIA Legislation (see next article), Revolving Loan Appropriations, Tax-Exempt Municipal Bonds, Chemical Spills and Cyber Security.

This event has proven to be a valuable tool for advocating on issues important to our industry. Topics covered during recent years’ Fly-Ins include Hydraulic Fracturing and Electronic CCRs.

The Fly-In also confirms AWWA’s role as the authoritative source of information to Congressional staff on topics related to the water industry.

WIFIA Legislation Nearing Passage in Washington D.C.
The Water Infrastructure Financing Innovation Act (WIFIA) is a program that would create an additional funding source for infrastructure projects, supplementing Revolving Loan Appropriations.

U.S. senators and representatives working on a complex water resources and development bill, through which AWWA has been pressing to create a WIFIA pilot program, will soon release the details of the final Water Resources Reform and Development Act (WRRDA).

2014 MI-AWWA/MWEA Joint Legislative Drive-In
The Michigan Section AWWA Water Utility Council along with the our partners at MWEA will be conducting a Legislative “Drive-In” this fall. This event will be coordinated with the assistance of Public Affairs Associates, the lobbying firm that is utilized by the Michigan Section AWWA. The event will be held in either September or October. The date will be determined when the legislative calendar becomes established. The event will include individual meetings with key members of the legislature who are involved with matters pertaining to our industry.

At this time we are requesting that volunteers willing to participate and assist with this event please contact us. Please email mike.williams@peerlessmidwest.com and we will welcome your participation in this fun and interesting event.

NOMINATIONS FOR MICHIGAN SECTION, AWWA BOARD OF TRUSTEES

The Nominating Committee wishes to thank all of the nominees and volunteers who submitted their names for consideration. Once again, the committee had an excellent field of candidates to choose from and the choices were very difficult. All of the candidates were eminently qualified. The committee nominates the following individuals for the coming year:

Vice-Chair
Trustee 2014-2017
Bill Maier, Lansing Board of Water and Light
Trustee 2014-2017
Liane Shekter Smith, MDEQ
Secretary-Treasurer
Brian Thurston, MDEQ Cadillac
Assistant Secretary-Treasurer
Not being filled

The election will take place during the Annual Business Meeting on Thursday, September 11, 2014 at approximately 7:45 AM at our Annual Conference at the Little River Resort in Manistee, Michigan.
KERR PUMP AND SUPPLY
WATER & WASTEWATER TREATMENT EQUIPMENT

- Centrifugal Water Pumps
- Vertical Turbines
- Submersible Pumps
- Centrifugal Non-Clog Pumps
- Progressive Cavity Pumps
- Positive Displacement Blowers
- Centrifugal Blowers
- Mobile Engine Trash Pumps
- Belt Press
- Vacuum Pumps
- Packaged Water Booster Stations
- Control Valve and Meter Stations
- Packaged Wastewater Lift Stations
- Metering Pumps & Chemical Feed Systems
- Custom Control Panels
- Headworks Screens
- Field Service – In House Repair

REPRESENTING:
- AURORA-FAIRBANKS MORSE-HYDROMATIC
- SMITH & LOVELESS - ENGINEERED FLUID INC. (EFI)
- FLOWROX - HAYWARD GORDON - TUTHILL BLOWERS
  - BJM - MAGNUM - OR-TEC - NETZSCH
  - KERR CUSTOM CONTROLS
  - UL 508A / UL 698A CERTIFIED

OFFICES
OAK PARK, MI
PHONE: 248-543-3880 • FAX 248-543-3236
GRAND RAPIDS, MI
PHONE: 616-698-2006 • FAX 616-698-9137
VISIT OUR WEBSITE www.kerrpump.com
Email: sales@kerrpump.com

CORIX Water Systems specializes in providing innovative packaged and modular water and wastewater infrastructure solutions for municipal and industrial applications. With more than 500 plants delivered around the world, we offer unmatched expertise and a reputation for providing reliable, high-quality water and wastewater solutions.

For more information, contact
Denny Faurot • 269-345-1923
dfaurot@sunscr.com
Electricity is hazardous in more than one way. It can give you a shock or a burn. It can electrocute and kill you. And it can also start deadly and damaging fires. This is the perfect time to give you a few important reminders about electrical safety and fire prevention.

**Common causes of electrical fires include:**
- Overloaded circuits, motors, fuses, and outlets.
- Exposed wires when insulation is worn or damaged, which can cause a short.
- Loose ground connections
- Hot lights or machinery in contact with combustible materials like cardboard, paper, or cloth.
- Defective electrical equipment or tools that spark or short.

**Take these steps to prevent electrical fires in the workplace:**
- Don’t overload motors, circuits, fuses, or outlets.
- Keep combustible materials away from electrical equipment and hot light.
- Don’t let grease, dust, or dirt build up on electrical machinery.
- Don’t place electrical cords near heat or water.
- Report damaged wires and electrical cords so that they can be replaced.
- Report any electrical equipment that sparks, shocks, smokes, or otherwise malfunctions. Turn it off, tag it out, and get it repaired. Don’t use it!
- Check ground connections because proper grounding provides a safe path for the electricity if there is an electrical fault.

**SAFETY QUESTION OF THE QUARTER**
How does electricity move from one place to another?
(A) Electricity travels through the air.
(B) Electricity travels through conductors.
(C) Electricity only travels through electrical wires

**Answer:** B: Electricity travels through conductors such as water, wet wood and even people.

**ARC FLASH BASICS**

Arc flash affects electricians, maintenance personnel, engineers, supervisory personnel, or others within the flash protection boundary. Electrical equipment is also affected, which can cause hazards that lead to death, severe burns, hearing damage, sight damage, and flying debris, which can cause secondary hazards, significant equipment damage, and loss of operations.

**Arc flash or blast typically occurs in:**
- Main switch-gear rooms
- Main electrical rooms
- Production floors
- Power panels
- Motor control centers

**Causes of arc flash incidents can be:**
- Inadvertent contact
- Loose connections
- Insulation failure
- Poorly maintained equipment
- Voltage transients (short surges in voltage)
- Unsuccessful short circuit interruptions
- Animals looking for heat and getting into equipment
# MI-AWWA’s 76th ANNUAL CONFERENCE PREVIEW

**September 9-12, 2014**

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Conference Preview</td>
<td>18</td>
</tr>
<tr>
<td>Conference Speakers</td>
<td>19</td>
</tr>
<tr>
<td>Fundraising/Sponsorship Opportunities</td>
<td>20</td>
</tr>
<tr>
<td>Schedule of Technical Sessions</td>
<td>22</td>
</tr>
<tr>
<td>Conference at a Glance</td>
<td>24</td>
</tr>
<tr>
<td>General Information</td>
<td>26</td>
</tr>
<tr>
<td>Exhibitor Registration</td>
<td>28</td>
</tr>
<tr>
<td>YP/New Member/First Time Conference Attendee Information</td>
<td>30</td>
</tr>
<tr>
<td>MI-AWWA Annual Conference Golf Outing</td>
<td>31</td>
</tr>
<tr>
<td>Conference Attendees Registration</td>
<td>32</td>
</tr>
<tr>
<td>Hotel Registration</td>
<td>34</td>
</tr>
</tbody>
</table>
Welcome to the beautiful Lake Michigan shoreline community of Manistee for our 2014 Annual Conference. We celebrated our 75th Anniversary last year, and begin our next 75 years with a new location – Manistee. We are sure you will enjoy your time at the Little River Casino and Conference Center. While on-site “entertainment” is available at all hours, there is also much to learn about the Native American history. You can also enjoy all the conference activities without all the bells and smells you normally take in at a casino, since the conference facilities are completely separate from the casino. And if you like, you can venture out to see some of what the City of Manistee offers as well.

To kick off the conference, the opening session features three top speakers including: David Nafzger of the Council of Great Lakes Governors, Jon Allan of the Office of the Great Lakes, and Rob Renner of the Water Research Foundation. And if that wasn’t enough, our first executive director, Bonnifer Ballard, will address the membership for the first time, and Sue McCormick will provide an update on the DWSD.

The program committee has prepared a well-balanced, high-quality technical program. This includes hands-on training sessions in some exhibit hall booths. And speaking of the exhibitors, the schedule on Wednesday has been designed for plenty of opportunity to meet vendors, learn about new products, and for networking in general. The Wednesday Awards Lunch will once again recognize some star Section performers. Thursday and Friday are focused on technical training sessions covering various topics in the water community. Our Thursday lunch features the Fuller Award presentation, and I will be passing the gavel to Randy Roost. We have been transitioning over the past year to a new strategic governance approach and organizational structure, and Randy has been a leader in this transition. You won’t want to miss his speech.

Of course the conference includes all the elements you’ve come to expect, including a golf outing, a Safe Water in Ecuador silent auction, awards presentations, social opportunities, and plenty of good food and beverages. But our conferences wouldn’t be possible without the efforts of the MI-AWWA staff. This conference marks the last of many annual conferences organized by Business Operations Manager Eric Way and Assistant Business Operations Manager David Timm as they both have announced their retirement from the Section. Please take some time to thank them for their many years of service to AWWA and the water community. We hope they will continue to make appearances at conferences and our other events.

The information that follows in this issue of the Michigan Water Works News provides more details on all aspects of the conference. So please join the water community as we gather at the Annual Conference in Manistee. And thank you for your continued support of the Michigan Section of AWWA.
David Naftzger serves as Executive Director of the Council of Great Lakes Governors, a non-partisan partnership of the Great Lakes Governors and Premiers created to advance the region’s environmental health and high-performance economy. He directs government relations and communications, and serves as the Council’s spokesperson. David facilitated the negotiation of the “Great Lakes Compact,” and coordinates the Governors’ broader efforts to restore and protect the Great Lakes, which have resulted in more than $1 billion in new federal funding. He also manages the Governors’ regional economic development program, which includes overseeing the regional tourism partnership and eight foreign trade offices promoting State exports.

Jon Allan comes to the Office of the Great Lakes with a strong background in fisheries, wildlife and the aquatic sciences. With several decades of experience in environmental policy and law, he has taught courses in biology, ecology, environmental impact assessment and marine biology and island ecology at Michigan State University and other institutions. His research on wetlands, stream ecology, impact assessment and water policy has been published in journals in Canada and the U.S. Time and again, organizations and individuals have called on Director Allan to participate in and lead environmental planning in Michigan and the Great Lakes region.

He served as advisor to the Great Lakes Compact negotiations, co-chaired Michigan’s Groundwater Conservation Advisory Council and the Water Resources Advisory Council that was tasked with formulating the state’s implementation of the Great Lakes Compact Agreement. He also served as chair of the Michigan Chamber of Commerce’s Environmental Quality Committee.

He was appointed to the Michigan Climate Action Council and was a member of the Midwest Governors’ Greenhouse Gas Reduction Accord Advisory Group. Recently, he served for a number of years as a member of the Environmental Advisory Council for the Michigan Department of Environmental Quality. Jon recently completed his tenure as co-chair of the Governor’s Blue Ribbon Panel on State Parks and Recreation.

Robert Renner is the Executive Director of the Water Research Foundation. The Water Research Foundation is a 501(c) 3 nonprofit organization that sponsors research that supports the water community in cooperatively managing water from all sources to meet social, environmental, and economic needs. With close to 1,000 subscriber members in the U.S. and abroad, the Foundation has funded and managed more than 1,400 research projects valued at more than $500 million.

Prior to joining the Foundation in 2005, Renner was the executive director of the International Society of Automation and served as deputy executive director of the American Water Works Association. He has more than 20 years of experience as a consultant optimizing water treatment plant performance. Mr. Renner holds a bachelor’s degree in civil engineering and a master’s degree in sanitary engineering from South Dakota State University and is a licensed professional engineer in both Colorado and Minnesota.

Stephen R. Shoaf is the Director of Water Resources for the City of Asheville, NC. He began his career performing water and wastewater research through the University of North Carolina. There he gained a strong background in treatment methods, sampling and analyses. He served the City of Burlington, NC as the Utilities Administrator / Utilities Director for 21 years overseeing water and wastewater utilities. Stephen has been with the City of Asheville for five years.

Stephen joined AWWA in 1989 and has been an active member of the North Carolina Section of AWWA. He has chaired and served on numerous committees, progressed through the chair positions, and is currently serving his third term on the NC Section Board of Trustees. He has been an instructor and speaker at seminars, workshops, and operator certification schools. Stephen is in his third year as the AWWA Director from North Carolina and was installed as a Vice President of AWWA at ACE 14.

Stephen lives in Asheville, NC with his wife Carole.
SAFE WATER IN ECUADOR ANNUAL CONFERENCE SILENT AUCTION & CALL FOR AUCTION ITEMS: This year’s SWIE Annual Conference Silent Auction will be held on Wednesday, September 10 in the Event Center, during the conference exhibits. All money raised will support drinking water projects in Ecuador for indigenous communities in need of safe and reliable water. Visit the auction to browse and help us support the people of Ecuador in their quest for clean water! We will sell souvenirs from Ecuador, many of which are handmade by the communities we sponsor. Other item donations of any value to be sold in the silent auction will be graciously accepted. Examples of items donated in past auctions are gift cards, gift baskets, tools, outdoor items, event tickets, and sports memorabilia. Because of your past participation and auction item donations, this has been a successful event raising in excess of $1,000 each year for water project development. Let’s make this year the best auction to date! Spread the word and help us fill our auction display tables with fun and interesting gifts! For more information contact either Ben Whitehead (whiteheadBC@bv.com) or Eric Way (eway.awwa@gmail.com).

ANNUAL CONFERENCE GOLF HOLE SPONSORSHIP: Receive special recognition for your company and help support the people of Ecuador by sponsoring a hole at the MI-AWWA Annual Golf Outing, to be held on September 9 at Manistee National Golf Club, Manistee, MI. A Golf Hole Sponsorship of $250 includes a sign at a golf hole at the golf outing, recognition in the Conference day-to-day activities booklet and recognition in the post-Conference issue of the Water Works News. Visit the MI-AWWA website (www.mi-water.org) to sign up as a sponsor. The Annual Conference registration form and the Annual Golf Outing registration form also include the option to provide a golf hole sponsorship when you register for the Conference or register your team.

Visit mi-water.org for more sponsorship opportunities
Thursday DINNER ENTERTAINMENT

“RED TAIL RING”
Thursday Dinner Entertainment

Come and enjoy some Americana music on Thursday evening following the dinner. Michael Beauchamp and Laurel Premo form the duo Red Tail Ring, and will display their authentic artistry with the fiddle, banjo, mandolin, guitar, and plain-old foot stomping. To date, the duo has released three albums on Earthwork Music (“The Heart’s Swift Foot” being the most recent), while playing as many as 130 shows a year all across the United States and Europe. You’re sure to enjoy their heartfelt original songs, as well as renditions of old Appalachian ballads and tunes.

Following the concert, you will have an opportunity to take part in a called square dance. Red Tail Ring will provide the music while a Caller teaches and calls out the dance steps. No experience is necessary, as square dancing is easy to learn and very beginner-friendly. Bring your dancing shoes (or cowboy boots) and join the fun - or enjoy watching the rest of us try to keep up! It’s sure to be fun and entertaining.

Full Conference Attendees, your paid registration includes Dinner/Reception & Entertainment on Thursday. For spouses and one-day (Thursday) registrations, there will be an additional $30 charge to attend. Everyone needs to use the conference registration form to sign-up. See You There!

“POWERPOINT BILLBOARD”
Sponsorship Opportunity

Michigan Section AWWA is pleased to return the popular “PowerPoint Billboard” feature to this year’s Annual Conference. Exhibitors, vendors, suppliers and consultants will again have the opportunity to promote their business in a continuously running PowerPoint presentation displayed above the Exhibit Floor. The “PowerPoint Billboard” will run continuously during exhibit hours. Your slide(s) should describe a new product or service, or simply be of general information about your firm. This added exposure will generate increased interest by conference attendees toward your firm’s products and services.

“PowerPoint Billboard” sponsorship is $100 per slide and you may purchase as many slides as desired. Please check the “PowerPoint Billboard” box on the either the Conference Registration form or the Exhibitor Registration form, if you wish to participate. Instructions for submission of your slide are listed below:

- Slide(s) must be in Microsoft PowerPoint 2007 or later version
- Slide(s) cannot contain animation
- Register your PowerPoint Billboard sponsorship by August 22 and your firm will be listed with the other sponsors in the conference literature
- Submit slide(s) by August 29 to Kyle Bentley at Kylepmi@aol.com and include “PowerPoint Exhibitor Slide” in subject line

ENVIRONMENTAL ANALYSIS WITH PROVEN RESULTS

KAR Laboratories, Inc.

Kalamazoo, Michigan
Serving Michigan for over 55 years
Call Us for Your Environmental Testing Needs
Drinking Water - Soil - Air
Wastewater - Hazardous Waste

PROVEN LABORATORY PERFORMANCE
Ultra-Trace Mercury analysis - EPA Method 1631
BioSolids
Available Cyanide - Method OIA 1677
EDTA in water by HPLC

Phone (269) 381-9666
Fax (269) 381-9698
www.karlabs.com
Email info@karlabs.com
## SCHEDULE OF TECHNICAL SESSIONS
### 76TH ANNUAL CONFERENCE

**September 9-12, 2014 – Little River Casino Resort, Manistee, Michigan**

### Opening General Session – **WEDNESDAY, SEPTEMBER 10, 2014** – Ojibwe/Bodweaadamiinh Room

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 - 8:15 am</td>
<td>Welcome and Opening Remarks Tom Smith, Chair, MI-AWWA</td>
</tr>
</tbody>
</table>
| 8:15 - 9:00 am | Managing Regional Water Use in the Great Lakes – St. Lawrence Basin  
**David Naftzger, Executive Director of the Council of Great Lakes Governors, Chicago, IL** |
| 9:00 - 9:30 am | The Value of Michigan’s Water  
**Jon Allan, Office of Great Lakes, MDEQ, Lansing, MI** |
| 9:30 - 10:00 am | Water Research Foundation Highlights  
**Rob Renner, P.E., Executive Director, Water Research Foundation, Denver, CO** |
| 10:00 - 11:30 am | Vendor Exhibits Open                                                                      |

### Afternoon General Session – **WEDNESDAY, SEPTEMBER 10, 2014** – Ojibwe/Bodweaadamiinh Room

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 1:30 - 2:00 pm | AWWA Visitor  
**Stephen Shoaf, Vice President (2013-2014) American Water Works Association** |
| 2:00 - 2:30 pm | DWSD Update  
**Sue McCormick, Detroit Water & Sewerage Department, Detroit, MI** |
| 2:30 - 3:30 pm | Frozen – The Winter of 2013-2014  
Panel Presentation from Four Drinking Water Communities: Cold Weather Issues |
| 3:30 - 4:00 pm | Proven Success: Improving Health of Rural Indigenous Ecuadorian Communities through Sustainable Water Supplies  
Presented by Safe Water in Ecuador Committee |

### Afternoon Exhibit Hall Training Session – **WEDNESDAY, SEPTEMBER 10, 2014** – Event Center

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30 - 6:30 pm</td>
<td>Vendor Exhibits Reopen – Event Center</td>
</tr>
</tbody>
</table>
| 1:30 - 2:00 pm | Automated Meter Reading Options  
**Etna Supply** |
| 2:00 - 2:30 pm | Backflow Device Assemblies & Applications  
**Hydro Designs** |
| 2:30 - 3:00 pm | Update on Corrosion Control for Ductile Iron Pipe  
**Ductile Iron Pipe Association** |
| 3:00 - 3:30 pm | Turbine Well Pump Design and Assembly  
**Peerless-Midwest, Inc.** |
| 3:30 - 4:00 pm | Construction Procedures: Prestressed Wire Wound Concrete Tanks  
**DN Tanks** |
| 3:30 - 6:30 pm | Vendor Exhibits continue                                                                    |

### Morning Session A – **THURSDAY, SEPTEMBER 11, 2014** – Odawa Room

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 7:45 - 8:00 am | Michigan Section AWWA Annual Business Meeting  
**Tom Smith, Chair, Michigan Section, AWWA** |
| 8:00 - 8:05 am | 2014 Best Tasting Water in Michigan Presentation  
**Gary Wozniak, MDEQ, Kalamazoo, MI** |
| 8:05 - 8:15 am | Michigan Section AWWA Update  
**Tom Smith, MI-AWWA Chair and Bonnifer Ballard, MI-AWWA Executive Director** |
| 8:15 - 8:45 am | DEQ Observations – Surface Water Treatment Operational Concerns  
**Brian Thurston, P.E. & Jon Bloemker, P.E., MDEQ** |
| 8:45 - 9:15 am | Evolution of Gravity Filter Underdrain  
**Tom Getting, P.E., Leopold, a Xylem Brand, Zelienople, PA** |
| 9:15 - 9:45 am | Traverse City Water Treatment Plant – Filter #4 Failure and Rehabilitation  
**Art Krueger, P.E., City of Traverse City, Traverse City, MI** |
| 9:45 - 10:00 am | Break |
| 10:00 - 10:30 am | Occurrence of Emerging Contaminants in Drinking Water Materials and Chemicals  
**Dave Purkiss, NSF International, Ann Arbor, MI** |
| 10:30 - 11:00 am | Design Considerations for Fixed Bed GAC Systems Treating Low Level cVOCs  
**Zeyad Ahmed and Dr. David Hand, Michigan Technological University, Houghton, MI** |
| 11:00 - 11:30 am | Ultrafiltration Membrane Module Virus Reduction at Different Fluxes, and With a Cut Fiber  
**C. Bruce Bartley, NSF International, Ann Arbor, MI** |
### Morning Session B – THURSDAY, SEPTEMBER 11, 2014 – Ojibwe Room

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15 - 8:45 am</td>
<td>Leak Detection Using Helium in Large Transmission Pipes</td>
<td>Biren Saparia, Detroit Water &amp; Sewerage Department, Detroit, MI</td>
</tr>
<tr>
<td>8:45 - 9:15 am</td>
<td>Pipeline Condition Assessment - A Foundation for Asset Management</td>
<td>David Koch, P.E., Black and Veatch, Chicago, IL</td>
</tr>
<tr>
<td>9:15 - 9:45 am</td>
<td>Smart Water Tools – Managing Your Assets through Data Intelligence</td>
<td>Carrie Cox, P.E. Oakland County Water Resource Commissioner’s Office, Waterford, MI</td>
</tr>
<tr>
<td>9:45 - 10:00 am</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:00 - 10:30 am</td>
<td>Program/Asset Management for Water Distribution Systems</td>
<td>Jennifer Drinan and Jared Buzo, Greeley and Hansen, Detroit, MI</td>
</tr>
<tr>
<td>10:30 - 11:00 am</td>
<td>Creating Resilient and Sustainable Critical Infrastructure</td>
<td>Michael Steinle, ARCADIS, Lenexa, Kansas</td>
</tr>
<tr>
<td>11:00 - 11:30 am</td>
<td>Cyber Security Trends and Strategies for More Resilient Plant Control Systems</td>
<td>Steve Liebrecht, Rockwell Automation, Troy, MI</td>
</tr>
</tbody>
</table>

### Afternoon Session A – THURSDAY, SEPTEMBER 11, 2014 – Odawa Room

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30 - 2:00 pm</td>
<td>A New Michigan WTP in Bay County</td>
<td>Tom Paige, Bay County Dept. of Water and Sewer, Bay City, MI</td>
</tr>
<tr>
<td>2:00 - 2:30 pm</td>
<td>A History: Why Genesee County &amp; City of Flint Changed Water Source</td>
<td>John F. O’Brien, Genesee County, Flint, MI and Michael H. Winegard, P.E., AECOM, Chicago, IL</td>
</tr>
<tr>
<td>2:30 - 3:00 pm</td>
<td>Lansing BWL: Rehabilitation of Wise Road Water Plant</td>
<td>David Baar, P.E., Fishbeck, Thompson, Carr &amp; Huber, Grand Rapids, MI</td>
</tr>
<tr>
<td>3:00 - 3:30 pm</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>3:30 - 4:00 pm</td>
<td>Anchor’s Away: The City of Marysville’s Challenge of Providing a Reliable Water Supply from the St. Clair River Shipping Channel</td>
<td>Trevor Wagenmaker, HRC, Bloomfield Hills, MI and Bari Wrubel, City of Marysville, Marysville, MI</td>
</tr>
<tr>
<td>4:00 - 4:30 pm</td>
<td>Emergency Rehabilitation of Critical 24-Inch Water Supply Line – Ann Arbor</td>
<td>Chris Elenbass, P.E., Stantec, Ann Arbor, MI and Brian Steglitz, P.E., City of Ann Arbor, Ann Arbor, MI</td>
</tr>
<tr>
<td>4:30 - 5:00 pm</td>
<td>Geotechnical Techniques for Water Infrastructure Projects</td>
<td>Brian Phillips, P.E., Process Engineer, Fishbeck, Thompson, Carr &amp; Huber, Grand Rapids, MI</td>
</tr>
</tbody>
</table>

### Afternoon Session B – THURSDAY, SEPTEMBER 11, 2014 – Ojibwe Room

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30 - 2:00 pm</td>
<td>Hazard Analysis and Critical Control Point (HACCP) Methodology for Building Water Systems</td>
<td>Carolyn Gilliland, NSF International, Ann Arbor, MI</td>
</tr>
<tr>
<td>2:00 - 2:30 pm</td>
<td>Cross Connection Control – Residential Water Customers and Associated Risks</td>
<td>Paul Patterson, Hydro Designs, Inc., Troy, MI</td>
</tr>
<tr>
<td>2:30 - 3:00 pm</td>
<td>Safety and the Changing Technology; Make Your Tablet Work for You</td>
<td>Heather Kubiak, City of Wyoming, Wyoming, MI</td>
</tr>
<tr>
<td>3:00 - 3:30 pm</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>3:30 - 4:00 pm</td>
<td>Efficient Operation of Pumping Equipment for Energy and Cost Savings</td>
<td>Bob Masters, Peerless- Midwest, Inc., Ionia, MI</td>
</tr>
<tr>
<td>4:00 - 4:30 pm</td>
<td>Data Solutions for Effective Utility Management &amp; Progression Towards Smart City Implementation</td>
<td>Tim Murphy, Schneider Electric, Broadview Heights, OH</td>
</tr>
<tr>
<td>4:30 - 5:00 pm</td>
<td>Operator’s Little Helper: A Reference Tool for Optimizing Pumping Efficiency</td>
<td>Benjamin Whitehead, P.E., Black &amp; Veatch, Grand Rapids, MI</td>
</tr>
</tbody>
</table>

### Closing General Session – FRIDAY, SEPTEMBER 12, 2014 – Ojibwe/Bodweaadamiinh Room

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 - 8:15 am</td>
<td>AWWA Roundtable/Committee Chairs Breakfast</td>
<td></td>
</tr>
<tr>
<td>8:30 - 9:00 am</td>
<td>MDEQ Update</td>
<td>Richard E. Benzie, P.E., Field Operations Chief; Office of Drinking Water and Municipal Assistance, Lansing, MI</td>
</tr>
<tr>
<td>9:00 - 9:30 am</td>
<td>Climate Change and the Great lakes</td>
<td>Dr. Alan Steinman, Grand Valley State University Water Resources Institute, Muskegon, MI</td>
</tr>
<tr>
<td>9:30 - 10:00 am</td>
<td>News from the Field</td>
<td>Presented by MI-AWWA Young Professionals Committee</td>
</tr>
<tr>
<td>10:00 - 10:15 am</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:15 - 10:45 am</td>
<td>The Simple Complexity of Saving Money with Storage and SCADA</td>
<td>Vicki Putala, P.E. Orchard, Hiltz &amp; McCliment, Inc., Livonia, MI</td>
</tr>
<tr>
<td>11:15 - 11:45 am</td>
<td>Intelligent Water and Organization Culture</td>
<td>Terry Biederman, P.E., Johnson and Anderson Engineers, Waterford, MI</td>
</tr>
</tbody>
</table>
# 2014 MI-AWWA CONFERENCE-AT-A-GLANCE

September 9-12, 2014 – Little River Casino Resort, 2700 Orchard Hwy, Manistee MI 49660, Manistee, Michigan

## TUESDAY, SEPTEMBER 9

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00 am - 5:00 pm</td>
<td>Annual Golf Outing, Manistee National Canthook Valley Golf Course</td>
</tr>
<tr>
<td><strong>4:00 - 5:30 pm</strong></td>
<td><strong>Conference Registration Open</strong></td>
</tr>
<tr>
<td>5:00 - 9:00 pm</td>
<td>Exhibitor Move-in Opens</td>
</tr>
<tr>
<td>5:30 - 8:00 pm</td>
<td>Meet &amp; Greet Reception &amp; Appetizer Party</td>
</tr>
</tbody>
</table>

## WEDNESDAY, SEPTEMBER 10

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 - 9:30 am</td>
<td>Exhibitor Move-in Continues</td>
</tr>
<tr>
<td><strong>7:30 am - 5:00 pm</strong></td>
<td><strong>Conference Registration Open</strong></td>
</tr>
<tr>
<td>8:00 - 10:00 am</td>
<td>Opening General Session</td>
</tr>
<tr>
<td>10:00 - 11:30 am</td>
<td>Exhibits Open &amp; Networking Break</td>
</tr>
<tr>
<td>10:15 - 11:15 am</td>
<td>Women’s Networking Event</td>
</tr>
<tr>
<td>11:45 am - 1:15 pm</td>
<td>Annual Awards Luncheon</td>
</tr>
<tr>
<td>1:30 - 4:00 pm</td>
<td>Plenary Technical Session/Exhibits Re-Open/Exhibit Hall Training Sessions</td>
</tr>
<tr>
<td>4:00 - 5:00 pm</td>
<td>Young Professional/New Member/First Time Attendee Networking Event</td>
</tr>
<tr>
<td>4:00 - 6:30 pm</td>
<td>Exhibits/Reception/SWIE Silent Auction/Best Tasting Water in Michigan – 2014 Taste-Off</td>
</tr>
<tr>
<td>6:30 pm</td>
<td>Dinner - On Your Own</td>
</tr>
<tr>
<td>6:45 - 9:30 pm</td>
<td>Exhibitor Move-out</td>
</tr>
</tbody>
</table>

Visit [mi-water.org](http://mi-water.org) for Conference updates.

---

PVS Technologies. Delivering superior products with exceptional service, ever mindful of our shared future. As a leading iron salts manufacturer, we simply will accept nothing less.

**LIQUID FERRIC CHLORIDE**
**LIQUID FERROUS CHLORIDE**
**Anhydrous Ferric Chloride / Etchant Grade Ferric Chloride**

10900 Harper Ave. Detroit, MI 48213
800-337-7428
customerservice@pvschemicals.com
www.pvschemicals.com
### 2014 MI-AWWA CONFERENCE-AT-A-GLANCE

#### THURSDAY, SEPTEMBER 11
- **7:30 am - 4:30 pm** | Conference Registration Open
- **7:45 - 8:15 am** | Annual Business Meeting/Water Taste-Off Results/MI-AWWA Update
- **8:15 - 11:30 am** | Morning Technical Session - A
- **8:15 - 11:30 am** | Morning Technical Session - B
- **11:45 am - 1:15 pm** | Fuller Luncheon & Passing of the Gavel
- **1:30 - 5:00 pm** | Afternoon Technical Session - A
- **1:30 - 5:00 pm** | Afternoon Technical Session - B
- **5:00 - 6:30 pm** | Reception
- **6:30 - 10:00 pm** | Dinner & Entertainment

#### FRIDAY, SEPTEMBER 12
- **07:00 - 08:15 am** | AWWA Roundtable/Committee Chair Breakfast
- **08:30 - 11:45 am** | Conference Registration Open
- **08:30 - 11:45 am** | Closing General Session
- **11:45 am** | 76th Annual MI-AWWA Conference Adjourns

---

**Make plans to join us for the 77th MI-AWWA Annual Conference, September 15-18, 2015 at Kewadin Resort, Sault Ste. Marie, MI**

---

**Vesconite**

- Stop dry start problems with **Vesconite Hilube bushings**
- Low friction
- No swell
- Increase MTBR
- Reduce electricity
- Quick supply

**M.E. Simpson Co., Inc.**

- Professional Service Solutions Provider
- Phone: (800) 255-1521 • Fax: (888) 531-2444
- salesinfo@mesimpson.com
- www.mesimpson.com
REGISTER NOW: Online, by mail or by fax: The 76th MI-AWWA Annual Conference Opening Session begins at 8:00 AM on Wednesday, September 10. It is strongly recommended that you make hotel arrangements and begin your stay at the Little River Casino Resort starting Tuesday night. Conference registration will be open 4 - 5:30 PM on Tuesday evening; Full Conference Registration and Exhibit Booth Registration (for up to two people) include Tuesday’s reception/appetizer party, at no extra charge. The Annual Conference Exhibits are on Wednesday, September 10 from 10 AM - 6:30 PM. Exhibitor move-in will be available after the Annual Golf Outing on Tuesday PM and Wednesday AM.

Little River Casino Resort Lodging: On the MI-AWWA website (www.mi-water.org), you will find a link to the room request form for making hotel reservations at the beautiful Little River Casino Resort. The hotel is offering MI-AWWA Conference Attendees a remarkable room rate of $79 per night, single or double occupancy. These rates apply to standard king/double queen rooms; upgrades to suites are also available. Check with the hotel at 888-568-2244 for information. Hotel check-in: after 4:00 PM; Hotel check-out: 11:00 AM.

Conference Fees and Available Discounts: A variety of conference registration options are available to meet your training budget. Discounts are available to AWWA members and to those registering on or before August 29. Individuals working for Michigan drinking water systems serving populations of 3,300 or fewer are eligible for a $100 savings on their Full Conference Registration. Young Professionals may be eligible for a complimentary (i.e. FREE) registration. This benefit is available to any MI-AWWA Member who is 35 years of age or under and/or has less than five years of work experience in the drinking water community AND is a first-time MI-AWWA Annual Conference attendee.

Conference Registrations and Payment: All conference participants are required to register for the Annual Conference. Do so online; it is easy! Instructions and prompts are provided as you go through the online registration form. Go to: http://www.mi-water.org/trainingevents/events.html

If you prefer to fax or mail in your Annual Conference Registration form, you will find registration forms on pages 32 in this issue. There are two forms, one for Exhibit Booths and the other for everything else. Whichever method you use to register, you can choose to “pay with credit card” or “pay later” and mail in your check. Credit card payments with MasterCard, Visa, Discover and American Express will be accepted online or over the phone.

Conference Attire: The suggested conference attire is “resort casual.”

Name Badges and Meals: Name badges should be worn at all times and are required for entrance to ALL conference sessions, meals and events. Certain meals are included in your conference registration while others are available for advanced purchase.

Golf Outing: If you are able to arrive in Manistee on Monday evening (reduced lodging rates apply) or early in the day on Tuesday, take advantage of the Annual Golf Outing: $55 per player which includes cart and box lunch. The outing will be held on Tuesday, September 9 at the Manistee National Golf Club (Canthooke Valley Course), 4797 U.S. 31 South, Manistee, MI 49660 with a “shotgun” start beginning at 11:00 AM. To register your team for the Golf Outing, go to: http://www.mi-water.org/trainingevents/events.html or see the MI-AWWA Annual Golf Outing Registration Form on page 31.

Continuing Education Credits for Operators and Professional Engineers: Individuals holding DEQ drinking water certification will be eligible for up to 1.3 CECs (13 hours) of advisory board-approved credit in the “Technical” or “Managerial” categories when attending sessions at this year’s conference. Certified drinking water operators are reminded that because Technical and Managerial credits count the same toward meeting the Technical/Managerial requirements for certificate renewal, you may base your attendance on program interest and rest assured that your credits will be of the highest CEC renewal value. An additional 0.1 CEC (1 hour) in the “Other” category can be obtained when attending the conference exhibits on Wednesday. CECs for Exhibit Hall Training Sessions are available on Wednesday afternoon. Each has been approved for 0.05 CECs (0.5 hours) in the Technical category. Licensed Professional Engineers will be able to apply the available 13 technical/managerial continuing education hours in accordance with the new administrative rules applying to their renewal cycle. Certificates of Completion will be available to Licensed Professional Engineers upon request. Information about this will be provided during the Annual Conference.

Registration Options for Non-Exhibitors: Use this option if you are not registering for an exhibit booth OR if your company has an exhibit booth, but you are not one of two individuals included with the Exhibitor Booth Registration, as noted below.
Full Conference Registration ($300 for members, early bird rate) or Full Conference Registration for Small Systems* ($200 for members, early bird rate) entitles you to participate in the Tuesday Reception/Appetizer Party, the Wednesday exhibits and activities, the Thursday Dinner/Entertainment, all technical sessions and the cocktail receptions each evening. The Wednesday Awards Luncheon ($25) and the Thursday George Warren Fuller Luncheon ($25) are NOT included in this registration, but tickets may be purchased in advance.

* Individuals working for Michigan drinking water systems serving populations of 3,300 or fewer are eligible for a $100 savings on their Full Conference Registration!

One or Two-Day Conference Registration ($100 each day for members, early bird rate) entitles you to participate in the exhibits and/or technical sessions scheduled for the day(s) of registration. Individuals may purchase one or more One-Day Conference Registrations. No meals are included in this registration; however, you may purchase tickets in advance for meals held on the day(s) of your registration: Wednesday’s Awards Luncheon ($25), Thursday’s George Warren Fuller Luncheon ($25), Thursday Dinner/Entertainment ($30).

Retiree Registrations: There are two conference registration options for individuals who are fully retired from the drinking water profession. To be eligible for either option, you must not be receiving a salary or wages for work done in this profession. If you have some other employment outside of the drinking water community or simply donate your time to the profession (such as a MI-AWWA Mentor), you are an eligible retiree. The FREE Retiree Registration option entitles eligible retirees and their spouse to attend Wednesday’s Award Luncheon as a guest of the MI-AWWA (no charge for either the retiree or spouse). The PAID Retiree Registration option ($100) entitles a retiree to participate in the Tuesday Reception/Appetizer Party, the Wednesday Awards Luncheon, the exhibits and activities on Wednesday, the Thursday Dinner/Entertainment, all technical sessions and the cocktail receptions each evening. The Thursday George Warren Fuller Luncheon ($25) is not included in this registration, but a ticket may be purchased in advance. Your spouse may register with you to attend the Full Conference. (See Spouse Conference Registration information, below.)

Spouse Conference Registration: (Free) entitles your spouse to participate in the exhibits and activities on Wednesday. Tickets for the Tuesday Reception/Appetizer Party ($20), the Wednesday Awards Luncheon ($25), the Thursday George Warren Fuller Luncheon ($25) and the Thursday Dinner/Entertainment ($30) may be purchased in advance for your spouse/guest. Two drink tickets are included with each of the Tuesday and Thursday evening purchased events.

Registration Options for Exhibitors: Exhibit Booth Registration ($550 for members, early bird rate) entitles your firm to one exhibit booth, reception sponsorship recognition in the conference literature PLUS entitles you and a second booth staff attendee to participate in the Tuesday Reception/Appetizer Party, the exhibits and technical sessions on Wednesday and the cocktail receptions each of these two evenings. Wednesday’s Awards Luncheon ($25) is not included in this registration; however you may purchase luncheon tickets. If a booth attendee wants to attend the entire conference, one person per exhibit booth (the “primary exhibitor”) may upgrade their registration to an Exhibitor Full Conference Registration ($100 additional for members, early bird rate). This additional $100 entitles the “primary exhibitor” to attend all technical sessions on Thursday/Friday and the Thursday Reception, Dinner/Entertainment, at no additional charge. The Thursday George Warren Fuller Luncheon ($25) is not included in this registration, but a luncheon ticket may be purchased in advance.

Cancellation Policy: If, after registering, you cannot attend the conference, please send a substitute. E-mail name of substitute toeway.awwa@gmail.com. If no one can substitute, refunds are available according to the following schedule:
1. Cancel by 4 PM on August 29 to receive a full refund less a $25 processing fee.
2. Cancel after 4 PM on August 29, but prior to 4 PM on September 4 to receive a 50% refund of the registration fee paid.
3. If cancelled after 4 PM on September 4, or if you are a no show, there will be no refund.

Questions: If you have questions please contact the MI-AWWA Office at 517-627-0913.

See you in Manistee!
EXHIBITOR Registration (for up to two Booth Attendees)

SECTION 1: CONTACT INFORMATION

AWWA Member #: _______________________

Primary Exhibitor: ________________________ Nickname for Badge: ________________________

Representing: ________________________________

Address/City/State/Zip: ________________________________

Phone: (______) ________________________ Email ________________________________

Also Participating as: ☐ Speaker ☐ Committee Member ☐ Award Winner ☐ First Conference Attendee

Spouse Conference Registration; ☐ $0 (no charge); Spouse Name for Name Badge: ________________________________

SECTION 2: EXHIBITOR “Booth Only” CONFERENCE REGISTRATION

<table>
<thead>
<tr>
<th></th>
<th>Member</th>
<th>Non-member</th>
<th>Member</th>
<th>Non-member</th>
</tr>
</thead>
<tbody>
<tr>
<td>On or before August 29</td>
<td>$550</td>
<td>$600</td>
<td>$625</td>
<td>$675</td>
</tr>
<tr>
<td>After August 29</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Primary Exhibitor Registration:

2nd Booth Attendee Registration:

2nd Booth Attendee Name/Firm: ________________________________ Nickname for Badge: ________________________________

2nd Booth Attendee also participating as: ☐ Speaker ☐ Committee Member ☐ Award Winner ☐ First Conference Attendee

2nd Booth Attendee Spouse Conference Registration; ☐ $0 (no charge); Spouse Name for Name Badge: ________________________________

(Note: Booth Attendees beyond the two above must register as Full Conference or One/Two-Day attendees, using the “Non-Exhibitor” Conference Registration Form.)

SECTION 3: PRIMARY EXHIBITOR FULL CONFERENCE UPGRADE OPTION

The Primary Exhibitor may “upgrade” to include conference attendance on Thursday and Friday and the Thursday Dinner/Entertainment. Below is the additional amount due for this upgrade. Please add this amount to the Primary Exhibitor Registration fee to get the Total Exhibitor Registration amount due.

<table>
<thead>
<tr>
<th></th>
<th>Member</th>
<th>Non-member</th>
<th>Member</th>
<th>Non-member</th>
</tr>
</thead>
<tbody>
<tr>
<td>On or before August 29</td>
<td>$100</td>
<td>$125</td>
<td>$125</td>
<td>$150</td>
</tr>
<tr>
<td>After August 29</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Primary Exhibitor Full Conference Upgrade:

Total Exhibitor Registration Amount: $ ____________

Wednesday Women’s Networking Event (check box for each exhibitor, if attending; no spouses) ☐ $0; ☐ $0

Wednesday Young Professional/First-time Attendee/New Member Networking Event (check if attending; no spouses) ☐ $0; ☐ $0

SECTION 4: MEALS & EVENTS

Tuesday Golf Outing at Manistee National: (To register yourself or sponsor a team; use Golf Outing Registration Form on page 31 or register online at: http://www.mi-water.org/trainingevents/events.html)

Describe any special dietary requests: ________________________________

Tuesday Reception & Appetizer Party (mini gourmet sandwiches, BBQ meatballs, smoked salmon, chicken drummettes, shrimp cocktail, smoked chicken/pecan salad bites, assorted breads, gourmet cheeses & crackers, vegetables crudités, dips and a display of mini desserts, plus 2 cocktail reception beverage tickets per person):

☐ $0 (Yourself) ☐ $20 (Spouse) $ ____________

☐ $0 (2nd Booth Attendee) ☐ $20 (2nd Booth Attendee Spouse) $ ____________
Wednesday Awards Luncheon (if attending):

 checkboxes: $25 (Yourself); $25 (Spouse); $25 (2nd Booth Attendee); $25 (2nd Booth Attendee Spouse) $ __________

(Yourself): ___ Chicken Cordon Mary; ___ Broiled Whitefish; (Your Spouse): ___ Chicken Cordon Mary; ___ Broiled Whitefish
(2nd Booth Attendee): ___ Chicken Cordon Mary; ___ Broiled Whitefish; (2nd Spouse): ___ Chicken Cordon Mary; ___ Broiled Whitefish

(Continue to Thursday Events ONLY if you have upgraded to Full Conference; otherwise skip to Section 5)

Thursday George Warren Fuller Luncheon (check if attending): $25 (Yourself) $25 (Spouse) $ __________

(Select choice for yourself): ___ Grilled Top Sirloin; ___ Broiled Whitefish
(Select choice for Spouse): ___ Grilled Top Sirloin; ___ Broiled Whitefish

Thursday Dinner & Entertainment (please check if attending; 2 cocktail reception beverage tickets per person included):

 checkboxes: $0 (no charge for yourself) $30 (Spouse) $ __________

(Select choice for yourself): ___ Pork Loin w/ Apple Cherry Chutney; ___ Butterflied Trout & Tarragon Butter
(Select choice for Spouse): ___ Pork Loin w/ Apple Cherry Chutney; ___ Butterflied Trout & Tarragon Butter

SECTION 5: SPONSORSHIP OPPORTUNITIES

 checkboxes: “PowerPoint Billboard” $100 x __________ (# of slides) $ __________

 checkboxes: “SWIE” Golf Hole Sponsorship $250 x __________ (# of sponsorships) $ __________

SECTION 6: PAYMENT OPTIONS

Total Amount Due MI-AWWA (include all items from above) $ __________

 checkboxes: Payment by Check (made payable to Michigan Section, AWWA) or Charge my credit card:

 Card number: ___________________________ Expiration date (MM/YY): ________ / ________

 Name on card: ___________________________

 Email address for receipt (if different from above): ___________________________

DEADLINE FOR “EARLY BIRD” RATES IS AUGUST 29, 2014. Your form must be received, faxed or postmarked by August 29 to be eligible for the discounted rate. Mail form to Michigan Section, AWWA, P.O. Box 609, Grand Ledge, MI 48837 or Fax to 517.622.4379.

CANCELLATION POLICY

If, after registering, you cannot attend the conference, please send a substitute. E-mail name of substitute to eway.awwa@gmail.com. If no one can substitute, refunds are available according to the following schedule:

1. If cancelled by 4 PM on August 29, you will receive a full refund less a $25 processing fee.
2. If cancelled after 4 PM on August 29, but prior to 4 PM on September 4, you will receive a 50% refund of the registration fee paid. No refund for purchased meals.
3. If cancelled after 4 PM on September 4, or if you are a no show, there will be no refund.
FREE REGISTRATION FOR FIRST TIME ATTENDEES

Are you considering attending your first Michigan Section, AWWA Annual Conference?

Are you at or under the age of 35 or have you been in the water industry less than 5 years?

If you answered yes to both of these questions AND are also a member of the Michigan Section, we will waive your conference registration fee. Whether you attend one day, two days or stay for the entire conference, the Young Professionals Committee wants to support you. Our goal is to encourage New and Young Professionals to become involved in the Michigan Section and help you grow in your career as a Water Professional. Free registration not enough!?! We can also assist in other ways. Need help convincing your manager that sending you to the 2014 Annual Conference is worthwhile? We can provide sample letters and talking points to get you to Manistee this September. For information or questions contact Carrie Ricker Cox at coxc@oakgov.com or 248-858-0678.

YOUNG PROFESSIONALS, NEW AWWA MEMBERS & FIRST TIME CONFERENCE ATTENDEES

Please join us for a networking event hosted by MI-AWWA Young Professional and Membership Committees, Wednesday, September 10 from 4:00-5:00 PM in the Grand River Room. Light refreshments will be served.

Are you a Young Professional or new to the drinking water community? Did you join AWWA within the past year or so? Are you a first time attendee to the MI-AWWA Annual Conference? If so, please join us at our Annual Conference Networking Event. This is a great opportunity to meet industry leaders and learn about the opportunities available to you at the conference and at the Michigan Section of AWWA. We will discuss:

- Upcoming Conference events
- Upcoming MI-AWWA events
- AWWA and MI-AWWA structure
- Opportunities for career development

Industry leaders and how AWWA helped their career

When you register for this year’s Annual Conference, please mark the check off box on the registration form so that we will have an accurate count of those participating.
MI-AWWA Annual Conference GOLF OUTING

Safe Water In Ecuador (SWIE) golf hole sponsorships are available for $250 each. You must register your sponsorship by August 22 to be listed in the Conference materials.

The golf outing at the Annual Conference will be held on Tuesday, September 9, 2014 at the Manistee National Golf Club (Canthooke Valley Course), 4797 U.S. 31 South, Manistee, MI 49660. Registration begins at 10:30 AM, followed by a “shotgun” start beginning at 11:00 AM. The course was designed by Gary Pulsipher in 1993, and offers rolling fairways that meander through hardwoods and a white pine forest. Canthooke Valley is a par 71 golf course with 4 separate tee box areas, and plays 6127 yards from the white tees and 4778 yards from the forward tees. This course will test the best and yet be playable for golfers of all abilities.

Online Registration: http://www.mi-water.org/trainingevents/events.html
Register Early to Reserve Your Place. Registration deadline is August 22, 2014

Golf registration is $55 per person; which includes lunch and 18 holes of golf with a cart. You may register individually or as a complete team; payment must accompany your registration for the number of team members listed. If space permits, registration on-site may be accepted. If you have any questions regarding the golf outing, contact Dave Timm at 616.295.5702, or by email at dtimm.awwa@gmail.com. If there are more people registered for golf than can be handled by the course, participation will be based on the MI-AWWA policy.

Cancellation Policy
If you have registered and cannot attend or have changes to your group, please send a substitute by e-mailing name(s) to Dave Timm; dtimm.awwa@gmail.com. If no one can substitute, refunds are available according to the following schedule:

1. If cancelled by 4 PM on August 29, you will receive a full refund, less a $25 processing fee.
2. If cancelled after 4 PM on August 29, or if you are a no show, there will be no refund.

GOLF Registration (Please Print)

Name: __________________________________________
Representing: __________________________________
Phone: (___) ___________________________ Email: ___________________________
List Team Members by Name (1-4 golfers per form; use additional forms if necessary):
1. ____________________________________________ 2. ____________________________
3. ____________________________________________ 4. ____________________________

Payment Information: Your payment must be for the number of players listed above.
Golf ($55 per person) X _______ (# of golfers) = $ _____________________________
“SWIE” Golf Hole Sponsorship ($250) X ___ (# of sponsorships) = $ _____________________________
TOTAL AMOUNT DUE = $ _____________________________

☐ Payment by Check OR ☐ By Credit Card:
Card number: ___________________________ Expiration date: _______ / ___________________________
Name on card: ___________________________________________________________
Email address for receipt (if different from above): _____________________________

GOLF AND SWIE SPONSORSHIP REGISTRATION DEADLINE IS AUGUST 22!
Mail form to Michigan Section, AWWA, P.O. Box 609, Grand Ledge, MI 48837 or fax to: 517.622.4379
Make check payable to Michigan Section, AWWA.
CONFERENCE ATTENDEES Registration

(use this form for Non-Exhibitors or for multiple Booth Attendees beyond the two included in the Exhibitor Registration)

REGISTER NOW: Online, by mail or by fax

SECTION 1: CONTACT INFORMATION

AWWA Member #: ________________________________

Name: ____________________________ Nickname for Badge: ________________________________

Representing: ________________________________

Address/City/State/Zip: ________________________________

Phone: ________ Email ________________________________

Participating as: □ Speaker □ Committee Member □ Award Winner □ First Conference Attendee

Spouse Conference Registration; □ $0 (no charge); Spouse Name for Name Badge: ________________________________

SECTION 2: CONFERENCE REGISTRATION OPTIONS (Retirees, skip to Section 3)

<table>
<thead>
<tr>
<th></th>
<th>On or before August 29</th>
<th>After August 29</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Conference Registration:</td>
<td>Member $300</td>
<td>Member $350</td>
</tr>
<tr>
<td>Small Systems Registration:</td>
<td>Non-member $375</td>
<td>Non-member $425</td>
</tr>
<tr>
<td>One-Day Registration*:</td>
<td>Member $200</td>
<td>Member $250</td>
</tr>
<tr>
<td>Two-Day Registration*:</td>
<td>Non-member $275</td>
<td>Non-member $325</td>
</tr>
</tbody>
</table>

*You must select the day(s) you will be attending: □ Wednesday □ Thursday □ Friday;

(Note to One or Two Day Registrants: No meals are included in your registration; however, you may purchase tickets in advance for meals held on the day(s) of your registration.)

□ Check here only if you are eligible for the Young Professional Full Conference or One/Two-Day registration fee waiver. Awards and Fuller Luncheon meals & other event fees still apply.

SECTION 3: RETIREE CONFERENCE REGISTRATION OPTIONS

Awards Luncheon Only (Not attending any other events) □ $0 (Yourself) □ $0 (Spouse)

Retiree Full Conference Registration: □ $100 (Yourself) □ $0 (Spouse)

(Retirees: Please complete “Section 4: Meals & Events” below - No add’l charge for Awards Luncheon)

SECTION 4: MEALS & EVENTS

Describe any special dietary requests: ________________________________

(To sponsor a team; use Golf Outing Registration Form on page 31 or register online: http://www.mi-water.org/trainingevents/events.html)

Tuesday Golf Outing at Manistee National □ $55 (18 holes with cart & box lunch) ________________________________

Tuesday Reception & Appetizer Party (mini gourmet sandwiches, BBQ meatballs, smoked salmon, chicken drummettes, shrimp cocktail, smoked chicken/pecan salad bites, assorted breads, gourmet cheeses & crackers, vegetables crudités, dips and a display of mini desserts, plus 2 cocktail reception beverage tickets per person):

□ $0 (Full Conference Registrations Only) □ $20 (Spouse) ________________________________
Wednesday Women’s Networking Event (check if attending; no spouses) $0

Wednesday Young Professional/First-time Attendee/New Member Networking Event (check if attending; no spouses) $0

Wednesday Awards Luncheon (if attending): □ $25 (Yourself) □ $25 (Spouse) □ (Free for Retiree & Spouse) $__________
(Select choice for yourself): ___Chicken Cordon Mary; ___Broiled Whitefish
(Select choice for Spouse): ___Chicken Cordon Mary; ___Broiled Whitefish

Thursday George Warren Fuller Luncheon (check if attending): □ $25 (Yourself) □ $25 (Spouse) $__________
(Select choice for yourself): ___Grilled Top Sirloin; ___Broiled Whitefish
(Select choice for Spouse): ___Grilled Top Sirloin; ___Broiled Whitefish

Thursday Dinner & Entertainment (please check if attending; 2 cocktail reception beverage tickets per person included):
□ $0 (Full Conf. Reg.) □ $30 (Spouse) □ $30 (One/Two Day, registered on Thursday) $__________
(Select choice for yourself): ___Pork Loin w/ Apple Cherry Chutney; ___Butterflied Trout & Tarragon Butter
(Select choice for Spouse): ___Pork Loin w/ Apple Cherry Chutney; ___Butterflied Trout & Tarragon Butter

SECTION 5: SPONSORSHIP OPPORTUNITIES
□ “PowerPoint Billboard” $100 x___________ (# of slides) $__________
□ “SWIE” Golf Hole Sponsorship $250 x___________ (# of sponsorships) $__________

SECTION 6: PAYMENT OPTIONS
Total Amount Due MI-AWWA (include all items from above) $__________

□ Payment by Check (made payable to Michigan Section, AWWA) or □ Charge my credit card:
Card number: __________________________ Expiration date (MM/YY): __________/ _____
Name on card: ______________________________________________
Email address for receipt (if different from above): __________________________________________

□ Purchase Order #:__________________________________________ (if needed)

DEADLINE FOR “EARLY BIRD” RATES IS AUGUST 29, 2014. Your form must be received, faxed or postmarked by August 29 to be eligible for the discounted rate.
Mail form to Michigan Section, AWWA, P.O. Box 609, Grand Ledge, MI 48837 or Fax to 517.622.4379.

CANCELLATION POLICY
If, after registering, you cannot attend the conference, please send a substitute. E-mail name of substitute to eway.awwa@gmail.com. If no one can substitute, refunds are available according to the following schedule:
1. If cancelled by 4 PM on August 29, you will receive a full refund less a $25 processing fee.
2. If cancelled after 4 PM on August 29, but prior to 4 PM on September 4, you will receive a 50% refund of the registration fee paid. No refund for purchased meals.
3. If cancelled after 4 PM on September 4, or if you are a no show, there will be no refund.
## LITTLE RIVER CASINO HOTEL Registration Room Request Form

**INSTRUCTIONS:**
1) Complete the Room Request/Credit Card Authorization Form (and the Tribal Tax Exempt Form if applicable)
2) Fax all documents to 231-398-3815, email to rickl@lrcr.com OR Mail to: Little River Casino Resort

**SPECIAL ROOM RATE for AWWA**
- Sun – Thurs reservations $79 plus 6% tax
- Fri – Sat reservations $139 plus 6% tax

(These rates apply to standard rooms only)

**Check in is after 4pm: Check out is before 11am.**

<table>
<thead>
<tr>
<th>Arrival date</th>
<th>Departure date</th>
<th>Total # Rooms per night</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Guest Last Name</th>
<th>First Name</th>
<th>Sgl. King</th>
<th>Dbl. Queen</th>
<th>Smoking</th>
<th>Non Smoking</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

I authorize Little River Casino Resort to charge the credit card provided below for the above guests.

Credit Card # __________________________ Expiration Date __________________________

Authorizing Signature __________________________

Please print name __________________________ Email (for confirmations) __________________________

Phone __________________________ Please initial for approved charges during your stay: Room ______ Tax ______ Incidents ______ Food and Beverage ______
A number of operator training opportunities are available this fall. Each course has been approved by DEQ for continuing education credit. Course fees listed are for AWWA members. An additional fee will apply for non-members of AWWA. Please visit the Michigan Section, AWWA website (www.mi-water.org) for registration information. You may register on-line, by fax or by mail. Questions? Call Eric Way at 517-627-0913.

Math/Hydraulics Courses Offered Earlier this Year!
The Basic Math and Hydraulics Short Course, covering many basic mathematics and hydraulics principles important to water system personnel, will be held September 3-5 at the Higgins Lake Conference Center. The cost of the training is $380.00 for each course. Students attending either course may be awarded 1.8 Continuing Education Credits in the drinking water & wastewater technical category.

Cross Connection Training: Advanced
The Advanced Cross Connection course will be offered September 18 at the Lansing Community College West Campus M-TEC in Lansing. The $95.00 course fee will include a luncheon and handout material. Individuals completing this program will be eligible for 0.5 CEC’s in the drinking water technical category.

Distribution Short Course
Two 3-day short courses for water system operators will be held this fall. The Water Distribution System Short Course discusses watermains, pipeline appurtenances, system operation and other information. The course will be held September 22-24 at the Higgins Lake Conference Center and October 14-16 at the Gull Lake Conference Center. The cost of the training is $380.00. Students attending either course may be awarded 1.8 Continuing Education Credits in the drinking water technical category.

Limited Treatment Course
The Limited Treatment Short Course will be offered in October, 14-16 at Gull Lake. This course will cover topics including: basic math, chlorination, fluoridation, safety, iron removal, wells and pumps and miscellaneous treatment. The cost of the training is $380.00. Students attending this course may be awarded 1.8 Continuing Education Credits in the drinking water technical category.

Technical programs for the following seminars were still being developed at press time of this issue of the Water Works News. Complete program agendas and registration information will be on the MI-AWWA website late summer/early fall. Technical CECs will be available for each program.

Fall Regional Meetings
October 7 – Livonia (New Location)
October 8 – Kalamazoo
October 21 – Gaylord
October 22 – Mt. Pleasant

U.P. Distribution Seminar
October 28-29 at Island Resort, Harris
NEW RULES ARE COMING!
BY JEAN SHEKTER, MDEQ

The DEQ is in the process of amending administrative rules to adopt rules recently promulgated by the U.S. Environmental Protection Agency. While incorporating the federal Revised Total Coliform Rule, the DEQ is also proposing to enhance the cross connection rules, add asset management planning, update and formalize long-standing operations oversight expectations, adjust deadlines to submit the operator examination application, and remove the water quality report requirement currently imposed on K12 schools and daycare centers that are nontransient noncommunity water supplies. The amendments will also delete obsolete or outdated provisions.

Stakeholder Input
At this writing, the DEQ has scheduled stakeholder meetings to present proposed changes, solicit stakeholder input, and discuss any other amendment ideas that need addressing. The DEQ will draft rules based on stakeholder comments and forward for legislative and regulatory scrutiny. The public will have one more opportunity to comment at the formal public hearing yet to be scheduled.

Proposed Changes to the Rules
The RTCR amends existing rules to protect public health by ensuring the integrity of the drinking water distribution system and monitoring for the presence of microbial contamination. Greater health protection will be achieved because community and noncommunity water supplies that are vulnerable to microbial contamination will identify and fix problems.

Proposed cross connection changes are in response to a recommendation of the Environmental Advisory Rules Committee and the Attorney General’s informal advice. Changes proposed will insert criteria for an acceptable cross connection control program instead of relying on long-standing guidance through the Cross Connection Rules Manual.

Proposed asset management planning provisions will enhance the existing capital improvements planning required in community water supplies with extensive distribution systems. This will ensure water supplies manage critical infrastructure to maximize the value and use of expenditures for the protection of public health.

Establishing operations oversight requirements will ensure water supplies are adequately staffed with competent individuals that have demonstrated proficiency. Proposed rules formalize DEQ’s long-standing expectations previously outlined in policy. Rules will also clarify acceptable arrangements for contract operations and when a water supply is faced with filling an unanticipated vacancy.

Operator certification amendments change the deadline by which individuals must submit an application for certification examinations. This will allow for the time necessary to process the examination fee.

The water quality report requirement applicable to K12 schools and daycare centers that are nontransient noncommunity water systems is proposed to be removed. The information in a water quality report is becoming more readily available to the public electronically, thus eliminating the need for the report.

Stay tuned as the DEQ moves through the rulemaking process. Visit http://www.michigan.gov/deqwater, click on Drinking Water, click on Community Water Supply, click on Rule Promulgation under the Laws and Rules category.
MEMBER UPDATE

IN MEMORY OF

Eugene A. Glysson, 87, passed away on April 2, 2014, after a six month battle with bone cancer. He taught in the University of Michigan Civil Engineering Department for over forty years, trying to retire numerous times, finally succeeding in 1995. During his career, Professor Glysson taught and performed research on solid waste disposal and management, municipal engineering and water, wastewater and solid wastes engineering. He was a consultant to the National Science Foundation, the World Health Organization, the U.S. Environmental Protection Agency and the Michigan Departments of Public Health and Environmental Quality. He was recognized for teaching in 1970 by the student chapter of the American Society of Civil Engineers (ASCE) and by the U of M College of Engineering for Excellence in Faculty Service in 1992. In 1983 he was named Outstanding Civil Engineer of the Year by the Michigan Section of the ASCE. In 2002 he was awarded the prestigious George W. Fuller award by the Michigan Section, AWWA and in 2011 the Jack A. Borchardt Award for service to his field. Professor Glysson’s career was known for his devotion to students. He served as faculty advisor to Michigan’s chapter of Chi Epsilon for 30 years. He also served as the department program advisor for 21 years providing unprecedented continuity and quality to the undergraduate program in civil and environmental engineering. He received the inaugural CEEFA Faculty Award for excellence in teaching in 2009. One of the favorite positions Professor Glysson held was that of Director of Camp Davis, the U of M Engineering and Geology camp located in Jackson, Wyoming from 1959 - 1964. He received the AWWA Gold Water Drop Award (2002) for 50 years of membership in AWWA.

MEMORIAL CONTRIBUTIONS IN THE NAME OF PROFESSOR EUGENE A. GLYSSON

With his recent passing, many friends and colleagues have asked how to contribute to the Borchardt and Glysson Water Treatment Fund. This Fund resides in the Civil Engineering Department at the University of Michigan, College of Engineering and was named in honor of professors, Jack A. Borchardt and Eugene A. Glysson. It serves to provide funding for the advancement of teaching and research in the areas of water treatment and purification. Your memorial contribution will help grow the impact of this fund by creating an endowed assistant professorship. Endowing a professorship will allow a professor to enhance his or her work in the field of water and wastewater treatment.

If you are interested in making a gift of any size, please contact Kimberly Simmons, U-M Civil Engineering Department [kasimm@umich.edu, (734) 764-8495] or the College of Engineering Advancement Office [blsimson@umich.edu, (734) 647-7043].

Sheryl Topliiff, 60, peacefully passed away at home on April 19, surrounded by her loving family. Sheryl was a graduate of Pewamo-Westphalia high school, and Central Michigan University. She was employed by the State of Michigan for 20 years, before opening up Topliiff’s Tara Bed and Breakfast in Williamston. Sheryl was a former editor of the Michigan Water Works News and served as the MI-AWWA Assistant Secretary-Treasurer, 1987-1989. Sheryl was instrumental in the initial efforts of the MI-AWWA to support safe drinking water in less developed areas of the world. In 1993, she and Gordon Jones established the MI-AWWA Water For People committee. The MI-AWWA Board of Trustees provided an initial revolving loan in the amount of $10,000 to begin Michigan’s efforts in Ecuador that continue today under the auspices of the Safe Water In Ecuador Committee. Sheryl was a wonderful individual and was truly a pleasure to work and spend time with.
MEMBERSHIP – WHAT’S IN IT FOR YOU?

SUBMITTED BY BARBARA MARCZAK, CO-CHAIR, MEMBERSHIP COMMITTEE

- The chance to meet and learn from recognized industry leaders.
- The opportunity to share your knowledge with others.
- The chance to grow your career as you connect with water professionals in Michigan and around the world.
- Enhance your knowledge on current water industry trends and information with a subscription to the Journal American Water Works and/or Opflow.
- Access to members only areas of AWWA and Michigan Section websites.
- Discounts up to 33% on more than 500 books, standards, manuals, software, and training videos.
- Discounts on conferences, online training, and webcasts.
- Discounts to Michigan Section training.
- Earn 0.1 CEC per year just by being a member.
- Make friends and have fun at Michigan Section events.

Consider becoming a member today with over 1,700 of your peers in Michigan alone. http://www.awwa.org/membership

WELCOME NEW MEMBERS

John Peck  Ray Schmidt  Yi Chen  Rich Wiles  Andrew Willetts  Scott Carruthers  Richard Greenwell  Wells Warren  Mark Gladieux

Chuck Bors  Michael Markham  Brad Willey  Jason Hyde  Mary Nykamp  Ken Wesley  Michael Van Wagner  Jay Vermilye  Bryan Varacalle

Douglas Earles  Kendra Harding  Troy Weiss  Michelle Thibideau  Philip N. Brink  Joshua Frazee  Josh Leach  Larry Doan  Cheryl Louden

Rob Cook  Jeffrey Dunlap  William Osborne  Joel Reed  Dave Elston  Kelly Nielsen  Angie Goodman

Village of Howard City  Mancelona Area Water & Sewer Authority  Croswell Water Dept.

PITTSBURG TANK & TOWER MAINTENANCE CO., INC.

SAVE!
We have a crew in YOUR AREA!

Inspections  Repair  New & Used
Wet  Dry  ROV
In Service Cleaning  Paint Insulation  Relocation  Erection  Demolition  Earthworks  Underground Storage

ROV inspections can be viewed on TV console during inspection & DVD provided. All inspections include bound reports, recommendations and cost estimates.

Vicky Caudill
270-826-9500 Ext. 107
www.watertank.com

DIXON ENGINEERING, INC.

The Midwest’s Tank Inspection Leader

Since 1981, Dixon Engineering has been recognized as a leader in the storage tank and coating inspection industry. Our clients consist of industrial, municipal, state, and federal clients. Dixon has experience with virtually any type of portable water storage tank and coating systems. For cost effective solutions to your storage and coating maintenance needs - specify Dixon Engineering. Let our expertise help you preserve the value of your facilities.

Inspection Services:
- Tank Maintenance Inspections
- Underground (Pipe) Inspections
- Warranty Inspections
- Underwater (ROV) Inspections
- Tank Coating Applications
- Bridge Coating Inspections
- New Tank Welding and Coatings
- Security Maintenance Inspections
- Tank Rehabilitation
- Coating System Failure Analysis
- Treatment Plant Coating Specifications

Engineering Services:
- Tank Repairing Specifications
- Cathodic Protection Specifications
- Specification Review
- Access Design and Review
- Tank Structural Repair Specifications
- Tank Rehabilitation

Our staff is comprised of engineers and NACE, SSPC, AWS, and API certified inspectors.

Visit our website at http://www.dixonengineering.net for more information about those and our other services.
REGIONAL WATER TASTE-OFF

This year’s Regional meetings yielded a record number of Taste-Off participants, and past winners continue producing great tasting water. Mancelona once again represents the northern lower peninsula, while Palmer (Richmond Township) defeated numerous UP water samples at the UP Institute in Marquette. Welcome back to the finals, Palmer! It can’t always be about Ishpeming Township.

Muskogon treated Lake Michigan water to perfection and beat several southwest Michigan communities at the Kalamazoo Regional, while the City of Lowell won their second Regional in Mt Pleasant. Defending champion, Chelsea, once again won the Ann Arbor Regional. Chelsea will be representing the Michigan Section AWWA in Boston this summer with their 2013 state win.

A special thanks to all the judges for helping share their expertise. It is a tough job discerning the best, especially without a bathroom break. And thank you to our trophy maker Wayne Weirsma, for choosing a beautiful, grained elm wood.

Please consider entering your community’s water sample in the next Regional contest, especially if you employ a new treatment, develop a new well, or you have not participated in a while. You may just win Best Tasting Water!!

YP FALL PLANT TOUR

Waterford’s Biological Filtration Plant
Friday, October 24, 2pm

Join the Michigan Young Professionals for a tour of Waterford’s Biological Filtration Plant. Waterford investigated a water treatment technology, new to Michigan at that time, known as Biological Iron Removal. The technology was well established in Europe, Canada and in several locations within the U.S., so Waterford decided to run pilot plants at the site. The biological iron removal pilot plant out-performed the other technologies. The initial biological iron filtration plant has performed so well that Waterford has specified its use in all future water treatment plant rehabilitation and expansion projects.

After touring the plant the YPs will hold our quarterly meeting at the Sharks Club located at 6665 Highland Rd. Waterford, MI 48327. Free food and drinks will be served.

To attend, please rsvp by October 10, 2014 to Carrie Ricker Cox, OCWRC 248-858-0678 or coxc@oakgov.com

FALL REGIONAL MEETINGS - coming to a new location in southeast Michigan!

The Fall Regional Meetings are coming to a city near you, including a new location in Livonia. These meetings will focus primarily on distribution system topics, and will provide updates on the latest regulations and distribution practices. The Regional Meetings are always informative and well attended, and are a good method for obtaining required continuing education credits. Last year nearly 400 individuals attended these meetings, and 94% rated the program as good or better. Be sure to join your fellow drinking water professionals this fall at the following locations:

OCTOBER 7, Livonia, Laurel Manor
OCTOBER 8, Kalamazoo, Fetzer Center
OCTOBER 21, Gaylord, Otsego Club
OCTOBER 22, Mt. Pleasant, Comfort Inn University Park

It is anticipated that 0.5 CEC’s in the Technical category will be available to eligible participants. The Registration fee is $95/person for AWWA members and $125 for non-members. Detailed information will be posted on the Michigan Section, AWWA website at http://www.mi-water.org approximately eight weeks prior to the course taking place. Hope to see you there.
MI AWWA DEVELOPMENTS

BY: RANDALL ROOST, CHAIR-ELECT

By now, many of you have heard the Michigan Section, AWWA Executive Board talk about the changes that are coming to the Section as a result of our new Strategic Plan. The first thing you will notice is that we have hired Bonnifer Ballard as our first ever Executive Director. Bonnifer will already be busy learning the ropes of the Section’s activities by the time you read this article. The second major change that we are making is the development of our Councils and Communities of Practice (COPs).

It is this second change that seems to be bringing some discomfort to many of our current committees and volunteers, as they still do not know how they will fit in to this new organizational structure.

There is an old Chinese Proverb that says “A wise man adapts himself to circumstances, as water shapes itself to the vessel that contains it.” We all know that change can sometimes be discomforting in that we never know what the future holds. Let me reassure you that we are very aware of this and that we have been purposely moving very slowly in the direction that we want to head so that we can retain the amazing volunteer base that we have enjoyed for many years.

We all know that the success of the Section is built upon a strong volunteer effort and that our predecessors have done an admirable job keeping the ship moving in the right direction. However, as the world around us changes we are being forced to adapt to changes that are occurring much faster than our all-volunteer organization can handle. That is why the move towards having paid staff to assist us is so important at this time, as is the move towards our Councils and COPs.

“Volunteerism is the voice of the people put into action. These actions shape and mold the present into a future of which we can all be proud.”
—Helen Dyer

The Executive Board along with the Planning and Strategy Committee has laid the groundwork with the new strategic plan. As the Section Chair for the coming year, my responsibility is to work with the Board to establish the business plan for the next year and to help set the goals and objectives that we hope to accomplish. I have already begun work on that effort and hope to have approval of the Executive Board on my agenda at their summer board meeting.

I have taken each of the 6 Councils and developed both long and short term goals for each Council. Now we need to begin looking at how to fill our Council leadership positions and to help each of the Councils fill their rosters with people who can not only help them complete their tasks but with people who have a desire to help.

One of the benefits of our new Councils is that the Council is designed to allow people to volunteer at whatever level they choose. Some people will volunteer for a Council leadership position and others will volunteer for a specific task or project that has been assigned to the Council. This will allow our volunteers to make their own decisions as to how much time they are willing to devote to the Section is support of its activities.

“If you try to find time for something that matters, you never will. You must make the time.”
—Unknown

So what does this mean to you as a member of the Michigan Section? It means that you will have new opportunities to participate on Section activities that don’t necessarily require you to make a long term commitment to serve on a committee or council. In fact we need a number of people for short term assignment on task forces that will be addressing a particular issue or objective of the strategic plan. Some of these will take only a few weeks to complete and others may take more time. We also hope to be able to utilize our Go To Meeting and other electronic means of communications to minimize the amount of time our members spend traveling. Are you still confused? Let’s look at some examples. For instance, do you have a flair for marketing? Well, we are looking for people to serve under the Internal and External Communications Council to help the Section establish its “Brand” and to standardize the look and feel of our communications tools. This is a relatively fun assignment in that it allows you to use your creative skills. Or maybe you have some IT skills and you would like to help the Section develop an enhanced member database. These are just examples of many different volunteer opportunities that we will have over the next few years to move us in the direction of our strategic plan.

What we would like to do is to ask you to fill out an online survey that collects information about the various areas in which you think that you could help the Section. We have set up a simple tool that will allow you to check off boxes indicating where your preferences lie in terms of volunteering. Remember, we are not asking you to be an expert on anything - just simply have a passion for helping out and maybe even learning something along the way.

A volunteer is a person who believes that people can make a difference - and is willing to prove it.
—Anonymous

With that in mind, I am challenging each of you to find the time to make a difference by volunteering in support of the Section. Whether you volunteer for a few hours, or for a few months, or even a few years, the important thing is that you choose to make a difference and volunteer.

Please take a few moments and complete our survey so that we can help you make a difference in an area that matters to you. With your support we can keep the ship moving in the right direction and reach our goals. You can find the survey online at www.mi-water.org under our Surveys section on the lower right side of the Section’s home page.
You’ve all heard this at one time or another – “Whatcha gonna do? Whatcha gonna do when they come for you?” No, we are not talking about that kind of COPs. Instead we are talking about Communities of Practice (COPs). If you have been following the last several issues of the Water Works News and the website, you know that we are in the middle of our strategic planning and that one of the new ideas that came out of that process is the move towards Councils and Communities of Practice. The councils are the subject of another article in this issue. Here we want to try and explain what a Community of Practice is and how it is intended to work here in the Michigan Section.

What are Communities of Practice (COPs)?
Communities of practice are formed by people who come together regularly to learn and interact as a group on a common topic (e.g. water treatment) to improve themselves and others in the process. Here are some examples of what a community of practice might form around.

- Problem solving: “Can we work together on this standard and brainstorm as a group?”
- Requests for information: “Where can I find the latest rules on cross connections?”
- Seeking experience: “Has anyone else ever had 10% of their water services frozen at the same time?”
- Reusing assets: “Our utility developed an asset management plan last year. I can send it to you and you can easily tweak it to meet your own needs.”
- Coordination and synergy: “Can we combine our purchases of chemicals to achieve bulk discounts?”
- Discussing developments: “What do you think of the new methods of trenchless main installation? Is it really cheaper?”
- Documentation projects: “We have faced this problem for several years in a row and each year it seems like we start from scratch. Can we document what we did this year so that we have a better starting place for next year?”
- Visits: “Can we come and see your treatment plant? We need to upgrade ours and it looks like we will be using similar technology.”

Some COPs meet mainly face-to-face, some mostly online. Some may be formally recognized, and may even require a budget; and some are completely informal and even invisible. COPs are typically not limited by formal structures: they may grow or shrink over time but their purpose remains the same create connections among people across organizational and geographic boundaries.

So what is our vision?
Many of our committees currently meet to discuss trends and new technologies that are constantly changing in the water sector. If the information is important enough, the committee may choose to conduct a seminar or training session to bring that same information to other members of the Section or to other water utilities. With our new Councils, the organizing of the training activity will become the responsibility of the Training and Education Council with the support of our new Section staff. This alleviates some of the burden on the committee and allows them to focus on the information that will be shared. This should allow the committee to remain focused on the sharing of information. This is exactly what a community of practice is.

The only real difference is that the COPs focus on the sharing of information and expertise on a common topic or subject area. Our goal as the Executive Board is to support the communities of practice with tools that they may need to be successful. That may mean providing meeting space and time for face to face meetings, online tools for communicating and sharing information such as Dropbox, forums on the website, Go to Meeting or other tools that the COPs will request.

So when you hear “Whatcha gonna do?” don’t run away and hide. Instead volunteer. Be an active participant on a community of practice. I am confident that you will find someplace where you fit in. Remember that you don’t have to be an expert to participate. Members of a community of practice are there to learn from each other and everyone brings a different perspective. The collection of knowledge and experiences from each of you are what make a community of practice successful.

Be sure to stay tuned to future issues of the Water Works News and the Michigan Section, AWWA web site at www.mi-water.org for more information on our councils and communities of practice as we continue to implement our new strategic plan. \*\*\*
The Lansing Lethal Ladies pipe tapping team, representing the Michigan Section, AWWA is the new International Champions of the AWWA. With a winning tap time of 2:32.91, the Lethal Ladies beat out nine other teams from across the world to bring home the title. There were a total of 10 teams in the competition with eight teams from the USA and one team each from the Netherlands and the UK. The second fastest time was run by the team from Cincinnati Water Works at 2:35.97. None of the other teams even broke the three-minute mark in the competition.

We would like to congratulate our winning tapping team made up of Catherine Coffey (Set-up), Kelly Gleason (Cranker), Marissa Klimkiewicz (Copper), and Remecho Sanders (Coach).
How will your utility address critical infrastructure challenges?

Gain the tools you need for robust water infrastructure planning, reinvestment strategies, comprehensive emergency preparedness planning and enhanced security measures. The four-day Water Infrastructure Conference will provide an interactive learning experience with technical sessions, an exposition, and workshops.

Coming to Atlanta, Georgia—October 26–29, 2014

Conference topics will include

- Infrastructure and asset management
- Capital project delivery
- Applying AWWA’s pipe replacement modeling tool
- Technology for utility management and operations
- Affordability assessment tool for federal water mandates
- Condition assessment
- Sustainable infrastructure
- Water and wastewater treatment plant design
- Distribution system design
- Water main rehabilitation
- Water loss control
- Wastewater and stormwater collection system design
- Emergency response and recovery
- Infrastructure protection
- Cybersecurity for enterprise and process control systems
- Risk and resilience management

Topics are subject to change.

Relevant | Smart | New
www.awwa.org/H2Oinfcon
Unknown Exposures are Potential Liabilities for Wastewater Treatment Plants

Sources of Exposure
• Effluent • Tank • Storage • Odor

Set up a pollution insurance program that fits your facilities needs to be proactive rather than reactive!

John Gandolfi, President
phone 1.877.309.0003  fax 1.586.323.0993
13425 19 Mile Rd. Sterling Heights, Michigan 48313
mcuins@yahoo.com

www.michiganenvironmentalinsurance.com
### AD INDEX

To reach Michigan’s water industry professionals through *Water Works News* magazine and its targeted readership, please contact me directly at

Al Whalen, Marketing Manager 1-866-985-9782  awhalen@kelman.ca

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>PAGE</th>
<th>TELEPHONE</th>
<th>WEBSITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Ductile Iron Pipe</td>
<td>12</td>
<td>205-325-7701</td>
<td><a href="http://www.american-usa.com">www.american-usa.com</a></td>
</tr>
<tr>
<td>ARCADIS</td>
<td>15</td>
<td>313-965-8436</td>
<td><a href="http://www.arcadis-us.com">www.arcadis-us.com</a></td>
</tr>
<tr>
<td>Black &amp; Veatch</td>
<td>30</td>
<td>616-459-2360</td>
<td><a href="http://www.bv.com">www.bv.com</a></td>
</tr>
<tr>
<td>Calgon Carbon</td>
<td>12</td>
<td>800-422-7266</td>
<td><a href="http://www.calgoncarbon.com">www.calgoncarbon.com</a></td>
</tr>
<tr>
<td>CDM Smith</td>
<td>45</td>
<td>313-963-1313</td>
<td><a href="http://www.cdmsmith.com">www.cdmsmith.com</a></td>
</tr>
<tr>
<td>Dixon Engineering, Inc.</td>
<td>39</td>
<td>616-374-3221</td>
<td><a href="http://www.dixonengineering.net">www.dixonengineering.net</a></td>
</tr>
<tr>
<td>DN Tanks</td>
<td>45</td>
<td>614-777-9886</td>
<td><a href="http://www.dntanks.com">www.dntanks.com</a></td>
</tr>
<tr>
<td>EJ</td>
<td>11</td>
<td>800-626-4653</td>
<td><a href="http://www.ejco.com">www.ejco.com</a></td>
</tr>
<tr>
<td>Eramosa Engineering</td>
<td>34</td>
<td>519-763-7774</td>
<td><a href="http://www.eramosa.com">www.eramosa.com</a></td>
</tr>
<tr>
<td>Enero Water Technologies</td>
<td>7</td>
<td></td>
<td><a href="http://www.evoqua.com">www.evoqua.com</a></td>
</tr>
<tr>
<td>FER-PAL Infrastructure</td>
<td>34</td>
<td>734-946-2034</td>
<td><a href="http://www.ferpalinfrastructure.com">www.ferpalinfrastructure.com</a></td>
</tr>
<tr>
<td>Fishbeck, Thompson, Carr &amp; Huber, Inc.</td>
<td>15</td>
<td>800-456-3824</td>
<td><a href="http://www.fitch.com">www.fitch.com</a></td>
</tr>
<tr>
<td>Fluid Process Equipment, Inc.</td>
<td>15</td>
<td>269-345-1923</td>
<td><a href="http://www.fpepumps.com">www.fpepumps.com</a></td>
</tr>
<tr>
<td>Greeley &amp; Hansen LLC</td>
<td>45</td>
<td>313-628-0730</td>
<td><a href="http://www.greeleyhansen.com">www.greeleyhansen.com</a></td>
</tr>
<tr>
<td>Hanson Pressure Pipe</td>
<td>4</td>
<td>734 834 0336</td>
<td><a href="http://www.hansonpressurepipe.com">www.hansonpressurepipe.com</a></td>
</tr>
<tr>
<td>HD Supply Waterworks</td>
<td>6</td>
<td>616-222-9500</td>
<td><a href="http://www.hdswaterworks.com">www.hdswaterworks.com</a></td>
</tr>
<tr>
<td>Huber Technology, INC.</td>
<td>8</td>
<td>704-990-2055</td>
<td><a href="http://www.huber-technology.com">www.huber-technology.com</a></td>
</tr>
<tr>
<td>Infico Degremont</td>
<td>9</td>
<td>804-756-7600</td>
<td><a href="http://www.degremont-technologies.com">www.degremont-technologies.com</a></td>
</tr>
<tr>
<td>JGM Valve Corporation</td>
<td>2</td>
<td>248-926-6200</td>
<td><a href="http://www.jgmvalve.com">www.jgmvalve.com</a></td>
</tr>
<tr>
<td>KAR Laboratories</td>
<td>21</td>
<td>269-381-9666</td>
<td><a href="http://www.karlabs.com">www.karlabs.com</a></td>
</tr>
<tr>
<td>Kerr Pump &amp; Supply</td>
<td>15</td>
<td>248-543-3880</td>
<td><a href="http://www.kerrpump.com">www.kerrpump.com</a></td>
</tr>
<tr>
<td>Master Meter</td>
<td>11</td>
<td>800-765-6518</td>
<td><a href="http://www.mastermeter.com">www.mastermeter.com</a></td>
</tr>
<tr>
<td>M.E. Simpson Co. Inc.</td>
<td>25</td>
<td>800-255-1521</td>
<td><a href="http://www.mesimpson.com">www.mesimpson.com</a></td>
</tr>
<tr>
<td>Peerless Midwest Inc.</td>
<td>3</td>
<td>616-527-0050</td>
<td><a href="http://www.peerlessmidwest.com">www.peerlessmidwest.com</a></td>
</tr>
<tr>
<td>Pittsburg Tank &amp; Tower Maintenance Co, Inc.</td>
<td>39</td>
<td>270-826-9000</td>
<td><a href="http://www.watertank.com">www.watertank.com</a></td>
</tr>
<tr>
<td>Pollard Water</td>
<td>48</td>
<td>800-437-1146</td>
<td><a href="http://www.pollardwater.com">www.pollardwater.com</a></td>
</tr>
<tr>
<td>Prein&amp;Newhof</td>
<td>45</td>
<td>616-364-8491</td>
<td><a href="http://www.preinnewhof.com">www.preinnewhof.com</a></td>
</tr>
<tr>
<td>PV Systems Technologies Inc</td>
<td>24</td>
<td>313-903-3397</td>
<td><a href="http://www.pvstechnologies.com">www.pvstechnologies.com</a></td>
</tr>
<tr>
<td>United Systems</td>
<td>30</td>
<td>800-455-3293</td>
<td><a href="http://www.united-systems.com">www.united-systems.com</a></td>
</tr>
<tr>
<td>URS Corporation</td>
<td>18</td>
<td>313-961-9797</td>
<td><a href="http://www.urscorp.com">www.urscorp.com</a></td>
</tr>
<tr>
<td>Utility Service Group</td>
<td>47</td>
<td>855-526-4413</td>
<td><a href="http://www.utilitityservice.com">www.utilitityservice.com</a></td>
</tr>
<tr>
<td>Vesconite Bearings</td>
<td>25</td>
<td>866 635 7596</td>
<td><a href="http://www.vesconite.com">www.vesconite.com</a></td>
</tr>
<tr>
<td>WaterWorks Systems &amp; Equipment, Inc.</td>
<td>20</td>
<td>810-231-1200</td>
<td><a href="http://www.waterworkssystems.com">www.waterworkssystems.com</a></td>
</tr>
<tr>
<td>Williams &amp; Works</td>
<td>45</td>
<td>800-224-1590</td>
<td><a href="http://www.williams-works.com">www.williams-works.com</a></td>
</tr>
</tbody>
</table>
Clean. Safe. Sustainable.

Utility Service Group has proudly served the potable and industrial water industries for over 50 years.

Today’s Utility Service Group provides comprehensive condition assessments, rehabilitation services and sustainable asset management solutions throughout the whole water cycle. Our comprehensive portfolio of innovative sustainable technologies and custom-designed professional asset management services deliver value-based, sustainable and compliant results for our water system customers.

The U.S. leader in providing innovative asset management solutions for the water industry

Tank Services
- Maintenance Program
- Tank Cleaning & Rehabilitation
- Concrete Tanks
- Tank Security Services

Water Quality Services
- Pipe Cleaning (Ice Pigging)
- Trihalomethane Removal System (TRS)
- Water Mixing
- Filter Maintenance Program
- Filter Rehabilitation & Cleaning

Water Well Services
- Maintenance Program

Distribution System Management Services
- Distribution System Monitoring
- Leak Detection Services
- Valve & Hydrant
- Asset Mapping (GIS)

Metering Services
- Metering Maintenance Program

Communications
- Communications Site Management

MICHIGAN UPPER PENINSULA
Mike Trombly - Gleason, WI 54435
Business: 616.460.2246
mtrombly@utilityservice.com

LOWER MICHIGAN
Dan Kitchen - Portage, MI 49002
Business: 269.377.0771
dkitchen@utilityservice.com

1230 Peachtree Street NE, Suite 1100 | Promenade
Atlanta, Georgia 30309 | Phone 855.526.4413 | utilityservice.com
The LPD-250A is the simplest device for Dechlorination of treated potable water having 4 ppm or less chlorine.

Simply fill the unit’s feed tube with LPD-CHLOR™ tablets (Sodium Sulfite) or Vita-D-Chlor™ tablets (Ascorbic Acid) to neutralize potable water during flushing operations.

The lightweight Aluminum LPD-250A weighs in at 17 lbs. so you can safely flush directly from a fire hydrant, or attach unit to a hose to direct the discharge away from traffic or into your storm water system.