

SUMMER 2015

# MICHIGAN

## WATER WORKS NEWS

### MI-ACE 2015

#### MICHIGAN SECTION'S 77<sup>TH</sup> ANNUAL CONFERENCE AND EXHIBITS

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## WATER WORKS NEWS

The Michigan Water Works News is a quarterly publication of the Michigan Section, American Water Works Association.

The deadline for submitting articles for the Fall 2015 issue is August 14, 2015. Material may be submitted to:  
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3rd Floor - 2020 Portage Avenue  
Winnipeg, MB • R3J 0K4  
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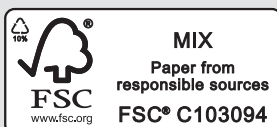
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**Managing Editor:** Scott Kelman

**Design/Layout:** Daniel Goulet

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See you in  
Sault Ste. Marie

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# TAKE UP THE MENTORING CHALLENGE

RANDALL ROOST, CHAIR

**H**ere it is mid-way through the year and I am writing my last article for you as the Chair of the Michigan Section, AWWA. I know that I have the great pleasure to serve our membership until early September, but my time on the Board is beginning to draw to a close.

I can still remember attending my first MI-AWWA meeting back in 1986. At that time, I joined the Computer Users Committee and our primary responsibility was to oversee the Section's electronic bulletin board. For those of you who still remember the days of dial-up modems and that familiar beeping sound it made when it connected, you know what an electronic bulletin board is. Now, it is nearly 30 years later and we conduct most of our business on communications systems that are thousands of times faster than those early days. But this article is not about the improvements in electronic communications technologies. Rather, it is my last chance to say thank you to the many people whom have mentored me or helped me along in my career, including many of you whom I have met through the Michigan Section, AWWA.

My early career at the Lansing Board of Water and Light included time spent as a boiler operator in several power plants and then a few years as a chemist analyzing coal and other fuels that were used in generating electricity. Then, in 1986, I transferred over to the Water and Steam



Planning department and it was there that I began my water career. One of the first things that my supervisor did was to recommend that I get involved with the water industry and the Michigan Section, AWWA. So I did, and what I found was the beginning of my true calling. I tell everyone I meet to this day that you will never find a better group of people than the ones who provide you with your drinking water. I cannot begin to imagine going through my career without the support of the many water professionals I have met



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along the way. There may have even been a few 'non-professionals' I met in the industry who made the journey interesting and a whole lot of fun.

So, how do you say thank you to the hundreds of people I have met who had a part in my career growth and my growth within the Section? I could start at the top and name them all alphabetically, or I could name them based on the impact that they made on me, or I could simply just say thank you to everyone, since each of you has had at least a small part in getting me to where I am today. You may have never even met me, or shaken my hand, but your support of the Section has allowed me to be successful as your Chair for the past year.

So, as I move from Chair to Past-Chair in September, I want to take on one final task and that is to challenge each of you to step up and become a mentor to someone else who may have just joined the water industry or who is looking to advance their career as a water professional. This challenge is not as difficult as you may think it is. All you need to do is to open the door to the Section to them and the Section will do the rest. Encourage them to not just attend a meeting, but to volunteer for one of our committees or task forces. Take a leadership role by providing them with the time and the resources to become an active volunteer. Let them see for themselves how wonderful this profession is and what great things we can accomplish when we work together sharing information and knowledge, building skill sets and enjoying the company of others just like us.

I know that many of you will say that you do not have the time or that your budget is tight and you cannot afford to give them the opportunity. But I say that you cannot afford not to do this for your employees. If you compare the small cost to your organization for membership and for time to attend meetings, seminars and conferences, you will find that the benefits returned to your organization by having highly skilled employees with a strong network of other professionals to draw upon, greatly outweigh the costs. Developing these relationships can often be the source of answers and solutions when you are faced with a difficult or challenging situation that, in the long run, may actually save your organization many times over the small costs of getting involved.

So, I am inviting you to take up the mentoring challenge. Reach out to someone within your own organization, even in a small way, and become a mentor. Encourage them to become a member of the AWWA and to get involved in the Michigan Section. I believe you will find that they are counting on us to take the first step and show them just how great we can all be if we do this together. Let's make sure that the Michigan Section, AWWA continues to be the premier association for water professionals not just within Michigan, but across the globe.

That is it – my challenge to you. But I don't want to forget to also say Thank You one more time to all of you who have made this past year as the Chair of the Section so special to me. ♠

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# UNDER PRESSURE

BRIAN STEGLITZ, DIRECTOR

**W**hat better than strategic planning as a topic to discuss in a summer issue of *Michigan Water Works News*? So, take a break from your favorite utility's tap water, or cold frosty microbrew sourced from one of Michigan's quality water supplies, whichever is your pleasure, and immerse yourself in the current status of Michigan Section, AWWA's strategic plan.

It was 2013 when we initially embarked on this venture to look at how our Section conducts its business and to determine how we could better serve our membership. At that time, we developed eight objectives on which to focus over the following three years. Currently, we are reaching the end of year two. Let's check in and see how we are doing:

**Objective 1:** Evaluate the committee-focused organizational structure and re-structure to incorporate oversight Councils to better align section functions with the strategic plan.

**Status:** While still completing the transition from a de-centralized committee structure where there was limited alignment between committees and an overlap of roles and responsibilities, the new Council structure aligns committees or groups performing similar functions or tasks under a common group. This has helped develop consistency in policy as well as focus on those tasks/events/activities that are critical to the Section's vision and mission.

**Objective 2:** Ensure restructuring occurs with no net loss of members and involves increased meaningful member engagement.

**Status:** The membership of the Michigan Section remains strong and stable. The Membership Recruitment and Engagement Council is working

on a growth plan to align with the AWWA goal of a 1% annual increase in membership. The Community of Practice and Social Responsibility Council is working on new ways to engage our membership using online forums centered around topics of interest and groups with common interests.

**Objective 3:** Hire an Executive Director

**Status:** The Section hired its first Executive Director in July 2014.

**Objective 4:** Develop a comprehensive communication strategy that focuses on new ways to engage members and include social media options.

**Status:** The Internal and External Communications Council is working on a communication strategy that involves revisiting the section website and its capabilities, and developing more options to incorporate social media into its communication toolbox.

**Objective 5:** Enhance competitiveness by incorporating personal choice into member engagement, including payment options, volunteer opportunities, and educational opportunities.

**Status:** All of the new Councils are looking at new ways to engage members and improve their experience. Investment in a new membership database that will allow the section to customize the member experience by allowing members to opt in and opt out of different services is one means by which the Section hopes to improve the member experience.

**Objective 6:** Develop a sustainable financial model.

**Status:** The Section finances are strong and under the direction of a newly formed Finance Committee

that involves a Certified Public Accountant. However, having paid staff has increased our overhead expenses. Section Staff is working on preparing a financial plan to ensure the long-term sustainability of the functions and services provided by the Section.

**Objective 7:** Improve the quality of Section products and services, and develop a brand.

**Status:** The Section brand and label were recently modified to coincide with the AWWA brand. You will notice the new logo and AWWA 'wave' that appears on both Section and AWWA publications. Maintaining the quality of services and events conducted by the Section is paramount to ensure that the membership and those that utilize Section services associate the Michigan Section, AWWA with a quality product.

**Objective 8:** Incorporate information technology to improve the member experience.

**Status:** The new member database, social media use, updated and more functional website are just a few examples of the investment the Section is making to incorporate information technology into the services provided to members.

As you can see, we have accomplished much in the past two years, but we are far from complete. We continue to seek your patience, support, and, most importantly, involvement. It is our vision to "lead the advancement of water knowledge and improve the value and quality of water in our lives," and we cannot do this without you. We look forward to a continued partnership as we strive to achieve our common goals.

Thank you all for all you do for the Michigan Section. 💧





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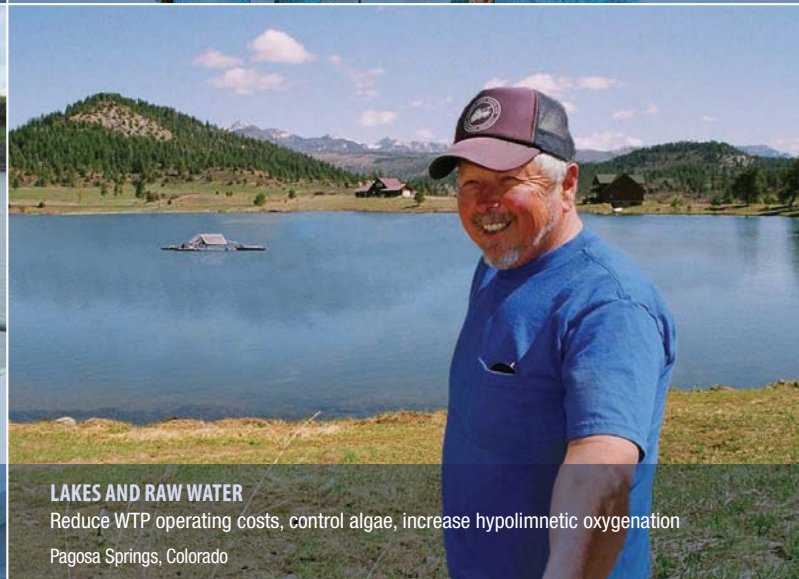
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# SEEKING POWERFUL CHANGE

BONNIFER BALLARD, EXECUTIVE DIRECTOR

**I**t has been one year since I joined the Michigan Section as Executive Director. As I reflect back over the last 12 months, I see that we have accomplished a great deal together. The Section is novaturient.

I love that word. It is Latin meaning desiring or seeking powerful change in one's life, behavior, or situation. Our Strategic Plan requires us to think differently, behave differently, and instill new energy into the Section. Together, we are doing just that.

### **New member database and website**

A task force was convened to help set up and implement the new database and website for the Section. The database will allow staff to provide better service, while offering a more personal member experience. You can access your Section member information through the website. Re-launched just recently, the new website offers access to your member information and provides a forum for networking and other Section activities. If you have not visited, link to [www.mi-water.org](http://www.mi-water.org) to see the new look and some of the great features now available on the Section's new site.

### **Enhanced education and training being developed**

The Section continues to offer great training opportunities, thanks to our volunteers, as well as our partnerships with DEQ and MWEA. The Section's initiative to evaluate courses, seminars and conferences is underway. The spring offered the Section's tried and true courses and meetings. We also

held our triannual Groundwater and Source Water Conference. As this initiative progresses, you can expect new training seminars and courses in the coming year along with some new approaches to conferences and perhaps some new services, as we adapt to the ever changing landscape in the water industry.

### **Councils, committees and task forces**

As a professional association, volunteers are the lifeblood of our organization. For decades, volunteers did everything that needed doing. With the addition of staff several years ago, volunteers were able to focus more on the work and allow staff to handle the more mundane tasks. Today, staff is doing more and we are using a nimble governance structure by which Councils provide overarching guidance in six key areas. While committees and task forces continue to do the work of the organization, the Councils provide strategic recommendations for Board consideration. Through volunteers, the Section is able to create new trainings, compile and distribute Water Works News, recognize peers for exemplary work or service, and much more.

Check out the Section's organizational chart (past issues and on the website) if you want to see all the activities going on. Those of you leading task forces and committees should be in touch with your respective Council to ensure all of our activities are aligned with

the Council's work plan and the Section's overall Strategic Plan. You can see some of the projects being worked on throughout this issue.

The Section has always been a 'Do' organization. If you are a doer and want to get involved, contact staff or a member of a Council. There is much to be done and volunteers are needed and always welcome.

### **Moving forward**

The Section remains a strong and healthy organization. We have a healthy reserve fund and continue to seek ways to minimize expense while maximizing value for members. I have been working closely with several Councils and the Board on updating existing policies and creating new policies where needed so that the Section can better align itself with the Association as well as current nonprofit management best practices. As the Section continues to implement the Strategic Plan, change is inevitable. However, always remember that this is your organization.

You have a voice. If you have an idea, feedback, or feel like you can help usher in some of the changes more effectively, speak up. I want to hear from you. I may not be able to ensure that an idea is implemented, but I can ensure that your voice is heard. Together, we will create powerful change that keeps the Section vibrant and a relevant membership organization serving the water industry. 💧



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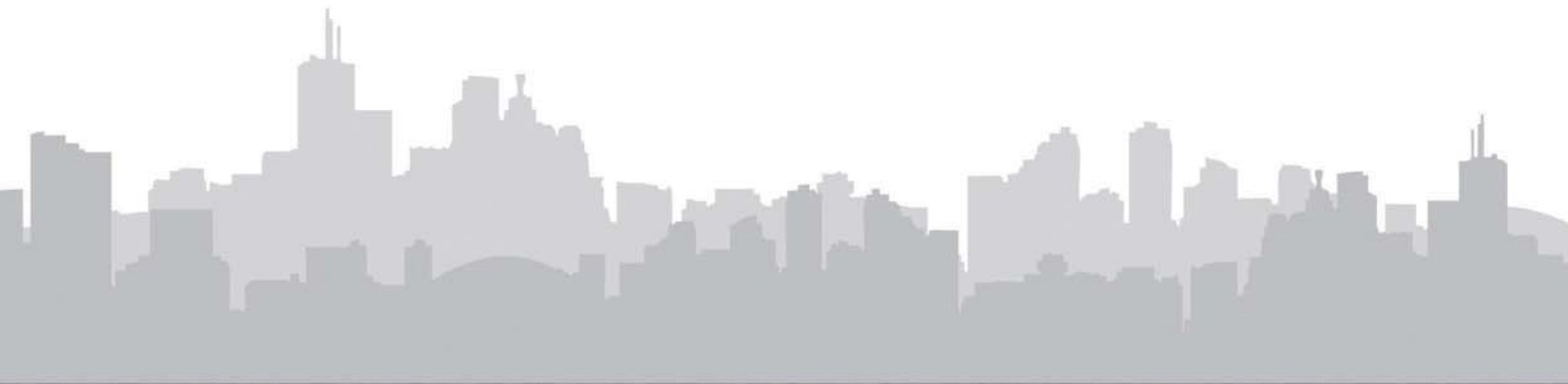
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**MICHIGAN SECTION'S 77<sup>TH</sup> ANNUAL CONFERENCE & EXHIBITS**

KEWADIN CASINOS HOTEL AND CONVENTION CENTER | SAULT STE. MARIE | SEPTEMBER 15-18, 2015

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## Message from the Board Chair



I look forward to welcoming you to the beautiful Upper Peninsula and the Michigan Section's 77<sup>th</sup> Annual Conference and Exhibits (now called MI-ACE) in Sault Ste. Marie.

For 77 years, the Michigan Section has been convening the best and brightest in the water profession to learn and share

their knowledge about water. This year, you will have the opportunity to enhance your skills in communicating the value of water, to garner new ideas for approaching infrastructure projects, to learn tips for maintaining a safe and efficient distribution system, and so much more. Also, you will have the opportunity to participate in discussions on metering and disinfection by-products through round table discussions. The exhibits offer an opportunity to see which of the latest products, services and technologies can help you in your daily work.

The Michigan Section annual conference is a unique opportunity for personal improvement and career growth due to the vast melting pot of expertise and knowledge of the many operators, engineers, and others that attend each year. While you are at the conference, I would encourage you to get out and meet new people.

Share with them your own unique set of experiences and interests and who knows what new ideas or friendships may develop.

There is still tremendous value in the meeting with others in your industry on a face-to-face basis. Being active within the Michigan Section, AWWA can also provide you with many long-term benefits. If you are like many others, you may think that just joining AWWA is good enough, but to truly capitalize on your membership investment you need to be engaged and participate in our meetings, seminars and conferences.

If you are a first time attendee, you will find that MI-ACE offers two and a half days of immersion into water issues, more if you decide to come for the UP Distribution Seminar or the Annual Golf Outing. Between the technical content, exhibits, and the networking with colleagues, you get great value. If you have attended our conference in the past, I challenge you to bring a co-worker and allow him or her to experience first-hand this amazing opportunity to spend a few days meeting new people, learning and maybe even having a few laughs.

I am looking forward to seeing you in the UP!

**Randall Roost**  
Chair, Board of Trustees



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### is more than just talk

As we continue to deliver valuable information through the pages of this magazine, in a printed format that is appealing, reader-friendly and not lost in the proliferation of electronic messages that are bombarding our senses, we are also well aware of the need to be respectful of our environment. That is why we are committed to publishing the magazine in the most environmentally-friendly process possible. Here is what we mean:

- During the printing process, we use a solvent recycling system that separates the water from the recovered solvents and leaves only about 5% residue. This results in reduced solvent usage, handling and hazardous hauling.
- We ensure that an efficient recycling program is used for all printing plates and all waste paper.
- Within the pages of each issue, we actively encourage our readers to REUSE and RECYCLE.
- In order to reduce our carbon footprint on the planet, we utilize a carbon offset program in conjunction with any air travel we undertake related to our publishing responsibilities for the magazine.

*So enjoy this magazine...and KEEP THINKING GREEN.*





## Message from the Program Chair



We have an exciting program planned for you at Michigan Section's 77<sup>th</sup> Annual Conference and Exhibits (MI-ACE). Our annual golf outing will take place Tuesday at beautiful Wild Bluff Golf Course in Brimley, Michigan, followed by our traditional welcome reception Tuesday evening. The reception will be held on the exhibit floor this year to give you

extra time to view the exhibits and network with colleagues and friends.

Wednesday, we start the Conference program off with author and consultant Melanie Goetz, an expert in assisting water utilities to effectively communicate with their customers. She will discuss her latest book, published by AWWA, about how to impact perceptions and communicate on the value of water – an issue that directly impacts us all.

The remainder of the first day, you will hear about Michigan's Water Strategy, a national perspective on water, the role water plays within Michigan native tribes, the latest in water research, an update on the Great Lakes Water Authority and the City of Detroit, and success stories on the Section's efforts in Ecuador through Safe Water in Ecuador (SWIE). There will also be training sessions on the exhibit floor again this year. And that's just Wednesday! The rest of the week offers sessions on infrastructure, distribution, management, data technology, and more. We will feature a round table panel

discussion format for two important topics at the conference. The Thursday session will include an expert panel discussing flow-metering technology, metering issues and lessons learned. Friday's round table will feature disinfection by-products with an expert panel of scientists, regulators and practitioners.

Daytime activities include the Annual Awards Lunch, the George W. Fuller Luncheon, the SWIE auction, women's networking event, YP event, and various other opportunities to celebrate accomplishments and network with colleagues and peers. You also have the opportunity to relax on Thursday evening with a boat tour of the Soo Locks, followed by a dinner cruise on St. Mary's River.

So, come learn something new, rekindle old friendships and make new ones, visit with exhibitors, and earn continuing education credit.

See you in the Sault!

### John Willemin

2015 MI-ACE Program Chair  
Vice-Chair, Board of Trustees

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# Schedule at a Glance

## TUESDAY, SEPTEMBER 15, 2015

8:00 am - 7:30 pm	Conference Registration Open
10:00 am - 5:30 pm	U.P. Distribution Seminar**
12:00 - 5:30 pm	Annual Golf Outing**/**
6:00 - 8:00 pm	Welcome Reception/Exhibits Open

## WEDNESDAY, SEPTEMBER 16, 2015

7:00 am - 6:00 pm	Conference Registration Open
7:00 - 7:45 am	Young Professionals/First Time Attendee Welcome Breakfast
7:45 - 10:00 am	Opening General Session
10:00 - 11:30 am	Exhibits Open
10:00 - 11:30 am	SWIE Chance Auction
10:15 - 11:15 am	Women on Water Mixer
10:15 am	Refreshment Break on the Exhibit Floor
11:30 am - 1:15 pm	Annual Awards Luncheon (RSVP required)
1:30 - 3:30 pm	Afternoon General Session
1:30 - 3:30 pm	Education Sessions on the Exhibit Floor
1:30 - 6:30 pm	Exhibits Open
1:30 - 6:30 pm	SWIE Chance Auction
3:30 - 3:45 pm	Refreshment Break on the Exhibit Floor
5:00 - 6:30 pm	Best Tasting Water in Michigan – 2015 Taste-Off
5:00 - 6:30 pm	Happy Hour on the Exhibit Floor

## THURSDAY, SEPTEMBER 17, 2015

7:00 am - 6:00 pm	Conference Registration Open
7:45 - 8:15 am	MI-AWWA Annual Business Meeting
8:15 - 11:30 am	Morning Session A - General Session - Infrastructure Track
8:15 - 11:30 am	Morning Session B - Distribution Track
9:45 - 10:00 am	Refreshment Break
11:30 am - 1:15 pm	Fuller Luncheon & Passing of the Gavel*
1:30 - 4:45 pm	Afternoon Session A – Management Track
1:30 - 4:45 pm	Afternoon Session B – Data Tools Track
3:00 - 3:15 pm	Refreshment Break
6:00 - 9:00 pm	Soo Locks Dinner Cruise*

## FRIDAY, SEPTEMBER 18, 2015

7:00 - 10:00 am	Conference Registration Open
7:30 - 8:30 am	AWWA Board and Councils Breakfast
8:30 - 11:30 am	Morning General Session – Regulatory/Water Quality Track
10:00 - 10:15 am	Refreshment Break
12:00 pm	Annual Conference Concludes

\* Ticketed event – additional fees apply | \*\*Separate registration is available | Schedule of events is subject to change.





## Featured Speakers



**EMILY FINNELL**  
Great Lakes Policy Specialist  
Office of the Great Lakes, MDEQ

Emily Finnell has been with the Michigan Department of Environmental Quality's Office of the Great Lakes for almost 14 years. Her work has primarily focused on coordinating and implementing strategic initiatives with various federal, state and other governmental and nongovernmental organizations on Great Lakes conservation and water related issues. She works on Great Lakes policy issues related to coastal management, restoration, and water use management to support the economic, environmental, and social health of coastal communities and wise management of Great Lakes water resources. Most recently she has been overseeing and coordinating the development of a comprehensive, long-term water strategy that focuses on ensuring healthy ecosystems, enhancing our ability to use and enjoy Michigan's water resources, and growing stewardship of the resource. She is a Fellow of the Environmental and Natural Resources Governance Fellows Program at Michigan State University and graduate of the 2009-2010 Department of Environmental Quality and Natural Resource Leadership Academy.



**MELANIE GOETZ**  
President/  
Senior Account Executive  
Hughes & Stuart Marketing

Melanie Goetz is an international keynote speaker and author of *Communicating Water's Value: Talking Points, Tips & Strategies*; Melanie specializes in helping utilities effectively communicate with their customers, elected officials, boards and stakeholders. With over three decades of public relations experience, she is an ongoing writer for the Journal AWWA and holds an MBA from Old Dominion University.







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**FRANK ETTAWAGESHIK**  
Executive Director  
United Tribes of Michigan

Frank Ettawageshik is a citizen of the Little Traverse Bay Bands of Odawa Indians (LTBB). His involvement with LTBB began in 1989 serving as vice-chairman until his selection as Tribal Chairman in 1991. Under his leadership, the LTBB successfully ended a 120-year legal dispute with the United States government with the passage of Public Law 103-324, which reaffirmed the political relationship between the LTBB and the United States. In 2002, Frank became a founding partner in the Michigan Tribal Advocates – an organization established to advocate for tribal governments to the State of Michigan. In 2003, Frank was reelected as Tribal Chairman and in 2005, he was elected to a four year term as the first Tribal Chairman serving as the head of the Executive Branch of the Tribal Government under a new Tribal constitution adopted in 2005. Following his second term as chairman, Frank became the executive director for the United Tribes of Michigan, a position in which he currently serves.



**JENNIFER WARNER**  
Senior Account Manager  
Water Research Foundation

Jennifer Warner is a Senior Account Manager for the Water Research Foundation. Jennifer works directly with WRF utility subscribers to help solve their research challenges and promote utilization of WRF's vast resources. 'Year in Review and What's New' will provide highlights of the WRF research programs and the latest research findings in key challenge areas in utility management such as asset management, rates and finance, and water quality concerns such as cyanotoxins and source water protection. Jennifer is a native of the Upper Peninsula who transplanted in Colorado with her ultra-runner husband Bryan, aspiring singer songwriter daughter Sade, and princely cat Raphael. She has a M.S. in Civil and Environmental Engineering from the University of Wisconsin-Madison and a B.S. in Environmental Engineering from Michigan Technological University.



**AWWA VISITOR**  
**BRIAN STEGLITZ**  
Vice-President (2015-2016)  
American Water Works Association

Brian Steglitz has spent his career in the water and wastewater industries. Brian began his career as a consultant working for CH2M Hill in Herndon, VA before taking the leap into the municipal sector. Since 1997, Brian has served as Sr. Utilities Engineer and Water Treatment Services Manager for the City of Ann Arbor, MI at its Water Treatment Plant. Brian graduated from Yale University in 1990 with a B.A. in Economics and from Stanford University in 1994 with a M.S. in Civil Engineering. He joined AWWA in 1997 and serves on AWWA's Strategic Development Advisory Committee and the Capital Project Delivery Committee. He is also highly engaged in the Michigan Section, having served in various committee and Board positions including Chair from 2010-2011. Brian was honored with the Michigan Section's Raymond J. Faust Award for Outstanding Personal Service in the Water Supply Field in 2013.





# Schedule of Technical Sessions

Schedule of events is subject to change.

## WEDNESDAY, SEPTEMBER 16

7:45 - 10:00 am

**Opening General Session** Moderators: Randy Roost and John Willemin

7:45 am

**Welcome and Opening Remarks**  
Randy Roost, Chair, MI-AWWA

8:00 am

*0.075 CEC - Managerial*  
**Communicating Water's Value**  
Melanie Goetz, Hughes & Stuart, Centennial, CO

8:45 am

*0.075 CEC - Technical*  
**Michigan's Water Heritage A Strategy for the Next Generation** Emily Finnell, MDEQ Office of the Great Lakes, Lansing, MI

9:30 am

**AWWA Visitor** Brian Steglitz, P.E.,

Vice President, American Water Works Association, Ann Arbor, MI

10:00 - 11:30 am

*0.1 CEC - Other*  
**Exhibits Open**

1:30 - 3:30 pm

**Afternoon General Session** Session Moderators: Brian Steglitz and Tom Smith

1:30 pm

*0.05 CEC - Other*  
**Water, Spirits, Regulation and Abundance** Frank Ettawageshik, United Tribes of Michigan, Harbor Springs, MI

2:00 pm

*0.05 CEC - Managerial*  
**Year in Review and What's New**  
Jennifer Warner, Water Research Foundation, Denver, CO

2:30 pm

*0.05 CEC - Managerial*  
**DWSD/GLWA Update** Sue McCormick, Detroit, MI

3:00 pm

**New Program to Support Sustainable Water Systems** Presented by the MI-AWWA SWIE Committee

1:30 - 6:30 pm

**Exhibits Open**

1:30 - 3:30 pm

**Education Sessions on the Exhibit Floor** Half-hour education sessions will be available. CEC credits will be available for those who qualify.

## THURSDAY, SEPTEMBER 17 MORNING SESSION A INFRASTRUCTURE

7:45 - 8:00 am

**MI-AWWA Annual Business Meeting**  
Randy Roost, Chair, MI-AWWA

8:00 - 8:05 am

**2015 Best Tasting Water in Michigan Presentation** Gary Wozniak, MDEQ, Kalamazoo, MI

8:05 - 8:15 am

**MI-AWWA Update** Bonnifer Ballard, Executive Director

8:15 - 11:30 am

**Morning Session A Infrastructure Track** Moderators: Randy Roost and Barbara Marczak

8:15 am

*0.05 CEC - Technical*  
**Bay Area Membrane WTP Startup Challenges** Mark TenBroek, CDM Smith, Detroit, MI; Tom Paige, Bay County

Department of Water and Sewer, Bay City, MI

8:45 am

*0.05 CEC - Technical*  
**City of St. Joseph Intake and Low Service Pump Station Project on Lake Michigan** Greg Alimenti, St. Joseph, MI

9:15 am

*0.05 CEC - Technical*  
**Bugs in the Water...Just the Way We Like It!** Aaron Potter, Waterford Township DPW, Waterford, MI; Glenn Hummel, HESCO, Warren, MI

9:45 am

**Refreshment Break**

10:00 am

*0.05 CEC - Managerial*  
**North Oakland County Water Authority - Collaboration of Assets**

**and Operation to Improve Customer Service and Reduce Cost** Vicki Putala, OHM Advisors, Livonia, MI; Ronald Melchert, City of Auburn Hills, NOCWA Chairman, Auburn Hills, MI

10:30 am

*0.05 CEC - Technical*  
**Lessons Learned from Water Main Replacement in Pontiac** William Popp, P.E., Johnson & Anderson, Inc., Waterford, MI; Craig Tiell, Oakland County Water Resources Commissioner's Office, Waterford, MI; Justin Sand, P.E., Johnson & Anderson, Inc., Waterford, MI

11:00 am

*0.05 CEC - Managerial*  
**Lessons from Florida: Fast-tracked Capital Improvements Revamp Struggling Water System** Holly Kremers, P.E., Wade Trim, Tampa, FL

# Schedule of Technical Sessions

Schedule of events is subject to change.

## THURSDAY, SEPTEMBER 17 MORNING SESSION B DISTRIBUTION

8:15 - 11:30 am

### Morning Session B Distribution

**Track** Moderators: Liane Shekter Smith and Bill Fritz

8:15 am

*0.05 CEC - Technical*

### A Guide to Developing and Using

**a Water Distribution Model** Justin Voss, P.E., Tetra Tech, Lansing, MI

8:45 am

*0.05 CEC - Technical*

### Water Main Replacement Using Trenchless Technology

Kristin Goetze, P.E., Johnson & Anderson, Inc., Waterford, MI; Justin Sand, P.E., Johnson & Anderson, Inc., Waterford, MI

9:15 am

*0.05 CEC - Technical*

### Protecting Our Assets: Water

**Main Condition Assets** Jared Buzo, Project Engineer, Greeley and Hansen, Detroit, MI

9:45 am

### Refreshment Break

10:00 am

*0.05 CEC - Technical*

### Next Generation Water Loss Tools - AWWA's New and Improving Tools and Publications for Water Loss Control

M. Steve Cavanaugh, Jr., Cavanaugh & Associates, P.A. AWWA WLCC Outreach Chair, Winston-Salem, NC

10:30 am

*0.1 CEC - Technical*

### Metering Round Table Discussion

Panelists: Jacob Jasperson, Badger Meter, Milwaukee, WI; Terry Biederman, P.E., Johnson & Anderson Inc., Waterford, MI; Jim Reinhold, Michigan Meter Technology Group Inc, Madison Heights, MI; Tim Boerma, City of Big Rapids, Big Rapids, MI; Bob Halstead, City of Big Rapids, Big Rapids, MI. Moderator: Bill Fritz, Waterford Township, Waterford, MI

## THURSDAY, SEPTEMBER 17 AFTERNOON SESSION A MANAGERIAL

1:30 - 4:45 pm

### Afternoon Session A - Managerial

**Track** Moderators: Carrie Rickers Cox and Bill Maier

1:30 pm

*0.05 CEC - Managerial*

### Advancing Sustainability Through American National Standards for Water Distribution and Treatment Products

Jenny Oorbeck, NSF International, Ann Arbor, MI

2:00 pm

*0.05 CEC - Managerial*

### Water Supply Reliability Planning for the City of Ann Arbor

Dave Koch, P.E., Black & Veatch, Chicago, IL; Brian Steglitz, P.E., Ann Arbor, MI

2:30 pm

*0.05 CEC - Managerial*

### AWWA Standards and Manuals How They Are Developed and Should Be Used From Both a Technical and Legal Perspective

Mark Coleman, P.E., Wade Trim, Detroit, MI; William Dixon, P.E., Esq., Dixon Engineering, Inc., Lake Odessa, MI

3:00 pm

### Refreshment Break

3:15 pm

*0.05 CEC - Managerial*

### Financial Assessment for Water

**Utilities** Dawn Lund, Utility Financial Solutions, LLC, Traverse City, MI

3:45 pm

*0.05 CEC - Managerial*

### Envision™: A Holistic Framework for Evaluating and Rating Water Infrastructure

Meghana Kamath, Greeley and Hansen, Detroit, MI

4:15 pm

*0.05 CEC - Technical*

### Michigan Groundwater Management Tool

Brant Fisher, MDEQ Community Drinking Water Unit, Lansing, MI





## THURSDAY, SEPTEMBER 17 AFTERNOON SESSION B DATA TOOLS

1:30 - 4:45 pm

### Afternoon Session B – Data Tools

**Track Moderators:** Jaime Petrovich and Brian Thurston

1:30 pm

*0.05 CEC - Managerial*

### Turning Discarded Data Into Operations & Managerial Strategy

Murat Ulasir, OHM Advisors, Livonia, MI; Robert Czachorski, OHM Advisors, Livonia, MI

2:00 pm

*0.05 CEC - Technical*

### Cyber Security AWWA and DHS Vulnerability Assessment Tools

Steve Liebrecht, Rockwell Automation, Troy, MI

2:30 pm

*0.05 CEC - Technical*

### SCADA, Communications and Controls: Effective Meshing of Technologies

Rod Helmuth, Peerless-Midwest, Inc., Mishawaka, IN

3:00

### Refreshment Break

3:15 pm

*0.05 CEC - Technical*

### Motor Efficiency

Brian Bodary, KEI Controls, LLC/KEI Industrial Sales, Vassar, MI

3:45 pm

*0.05 CEC - Technical*

### Saving Energy by Addressing Legacy Issues

Cindy Irving, P.E., Fishbeck, Thompson, Carr, & Huber, Inc., Grand Rapids, MI

4:15 pm

*0.05 CEC - Technical*

### Improving GIS Development Efficiency Using New Mobile LiDAR and Imaging Technology

Phil Westmoreland, P.E., Spicer Group, Inc., Dundee, MI

## FRIDAY, SEPTEMBER 18

8:30 - 11:45 am

### Morning General Session – Regulatory/Water Quality Track

Moderators: Barbara Marczak and Bruce Bartley

8:30 am

*0.05 CEC - Technical*

### MDEQ Office of Drinking Water & Municipal Assistance Update

Richard Benzie, P.E., Chief, Field Operations Section

9:00 am

*0.1 CEC - Technical*

### Disinfectant By Products Roundtable Discussion

Panelists: Corey Barr, City of Manistique, Manistique, MI; Janice Skadsen, CDM Smith and Mead & Hunt; Bob Miller, City of South Haven, South Haven, MI; Greg Alimenti, City of St. Joseph, St. Joseph, MI; Mike Prysby, MDEQ Office of Drinking Water

and Municipal Assistance, Lansing, MI.

Moderator: Gary S. Logsdon, Black & Veatch, Lake Ann, MI

10:00

### Refreshment Break

10:15 am

*0.05 CEC - Technical*

### I Have PPM's In My Water Responding to Water Quality Inquiries and Complaints

Jaime Petrovich, City of Wyoming Utilities Department, Wyoming, MI

10:45 am

*0.05 CEC - Technical*

### Hydraulic and Design Considerations for the Monroe Ozone System Modifications

David Delia, P.E., AECOM, Southfield, MI; Christopher Knight, City of Monroe, Monroe, MI

11:15 am

*0.05 CEC - Technical*

### News From the Field

Presented by the MI-AWWA Young Professionals

## Special Events

A limited number of tickets for ticketed events may be available onsite. Inquire at the Registration Desk for availability.

There are many activities during the conference to help maximize networking and collaboration. Please remember to register or RSVP for the events that you plan to attend.

### Tuesday, September 14

#### ANNUAL GOLF OUTING

(ticketed event – additional fee applies)



The golf outing will be held on Tuesday, September 14 at the Wild Bluff Golf Club in Brimley, just outside of Sault Ste. Marie. Wild Bluff offers 18 holes of championship golf, and a newly renovated practice facility with a double teed driving range, two practice putting greens and a chipping green. Standing on top of a 'Wild Bluff,' you can easily see the driving range because the target greens are uniquely shaped as a heart, club, diamond and spade.

This year, the Annual Golf Outing continues to raise money for Safe Water in Ecuador (SWIE), but also will help raise money for scholarships that help students in Michigan water-related programs to complete their education. All are welcome to participate in the

Golf Outing, but preference is given to those registered for MI-ACE 2015.

Golfer check-in begins at 10:30 am with the shotgun start at 12:00 pm. The driving range and putting green will be available for those who want to practice their swings.

Golf registration includes a box lunch and use of a cart to play all 18 holes. You may register individually or as a team.\*

[www.wildbluff.com](http://www.wildbluff.com)

#### WELCOME RECEPTION

(RSVP requested)

After a day of learning about distribution innovations, or golfing, or simply after you check into your room and get settled Tuesday evening, come down to the Exhibit Hall at 6:30 pm for a drink, some nibbles, and to mingle with other attendees. Remember to stop by the Registration Desk for your name badge. Name badges are required to enter the Exhibit Hall.

#### SAFE WATER IN ECUADOR CHANCE AUCTION

The Chance Auction for Safe Water in Ecuador (SWIE) will be held in the Exhibit Hall. All money raised will support drinking water projects in Ecuador for indigenous communities in need of safe and reliable water. Visit participating exhibitor booths and other displays throughout the Exhibit Hall to browse donated items to be 'auctioned' and help us support the people of Ecuador in their quest for clean water!

*How the Chance Auction works:*

Items will be 'auctioned' (raffled) by purchasing tickets (5 for \$5 and 30 for \$20) and placing them in jars associated with donated items. A winning ticket will be drawn from each jar near the end of Happy Hour on Wednesday evening just prior to the close of the Exhibit Hall.

*You can help:* Donations valued at \$25 and up will be gratefully accepted. Examples of items donated in past auctions include gift cards, gift baskets, tools, electronics, handmade items, outdoor items, event tickets, and sports memorabilia.

Thanks to item donations and past participation, this has been a successful event raising more than \$1,000 each year for water project development. Let's make this the best conference fundraiser to date! Spread the word and help us fill the exhibit hall with fun and interesting items. For more information or to make a donation, contact Ben Whitehead ([WhiteheadBC@bv.com](mailto:WhiteheadBC@bv.com)).

### Wednesday, September 15

#### YOUNG PROFESSIONALS AND FIRST TIME ATTENDEES BREAKFAST

(RSVP requested)

Young professionals and first time attendees to MI-ACE have something in common. They need help navigating MI-ACE waters. If you are a water professional under 35 or have never been to a Section Annual Conference & Exhibit, RSVP and plan to attend this instructional breakfast and meet others like you. The breakfast starts at 7:00 am Wednesday morning before the Opening keynote. You will hear from Section leaders on how you can get the most out of your attendance at the conference.

#### WOMEN ON WATER MIXER

(RSVP requested)

If you are a woman in the water industry, plan to join your peers on Wednesday at 10:15 am for a fun and interactive hour of building connections and expanding your network. Designed especially for women, you will be glad you attended!

\* Golfers are responsible for their own transportation to and from the course.





### ANNUAL AWARDS LUNCH

*(ticketed event-RSVP required)*

A wonderful event, the Annual Awards Lunch on Wednesday at 11:30 am is the time for us to celebrate accomplishments in Michigan water. During the Lunch, we recognize awardees for the Raymond J. Faust Award, the Operator's Meritorious Award, the Edward Dunbar Rich Award, AWWA Water Drop Awards, and many others. Open to all attendees and exhibitors this year, plan to join your fellow attendees for a lunch and help honor 2015 awardees! Tickets are required for entry; please RSVP in order to receive your ticket.

### HAPPY HOUR IN THE EXHIBIT HALL

Join your colleagues on Wednesday afternoon starting at 5:00 pm in the Exhibit Hall to discuss your day of education and talk to exhibitors while enjoying a beverage and snacks.

## Thursday, September 16

### GEORGE W. FULLER LUNCHEON

*(ticketed event - additional fee applies)*

Named for industry titan George W. Fuller, this annual luncheon is the celebration event of the Conference. During this event, which begins on Thursday at 11:30 am, any new

inductees into the Michigan Water Industry Hall of Fame are announced. New Board members are installed as well and then this year's George W. Fuller Awardee is announced. Come enjoy a wonderful meal, get in on the fun of discovering who this year's Fuller nominee will be, and hear from the newly installed 2015-2016 Board Chair Barbara Marczak.

### SOO LOCKS TOUR AND DINNER CRUISE

*(ticketed event - additional fee applies)*



Ride with the Freighters! Experience an exciting sightseeing tour through the famous Soo Locks, the world's largest locking system. Enjoy a wonderful evening on the beautiful St. Mary's River aboard a Soo Locks Tour and Dinner Cruise while enjoying an evening of networking with

your conference colleagues, complete with a cocktail reception and buffet dinner. The voyage includes a ride through the Soo Locks with a sailor's eye view of the International Highway Bridge, railroad bridges, Essar Steel Plant, Canadian Lock, hydro-electric power plants, and the St. Mary's Rapids.

After dinner, the boat returns to the harbor of Sault Ste. Marie for sightseeing along the shorelines of Michigan and Ontario. All the passing ships and points of interest will be explained by the tour guide.

**Departure from Dock Time: 6:30 pm**  
**Dock #2 - 515 East Portage Avenue**  
**Sault St. Marie, MI 49783**

**Arrival time back to Dock: 8:30 pm**

Transportation to and from the Kewadin Casinos Sault Ste. Marie is not provided by MI-AWWA. You will be responsible for your own transportation. The Kewadin Casinos Sault Ste. Marie will provide limited complimentary shuttle service on a first-come, first-served sign up at the hotel. See the concierge upon arrival for additional information.

Rain or shine, your cruise includes the charter boat cruise admission, hors d'oeuvres, three beverage tickets and a buffet dinner. A cash bar will also be available. Credit cards are not accepted at the bar.



Sault Ste Marie Locks

## General Information

### CONFERENCE REGISTRATION RATES

**Full conference** attendees will receive access to all general and technical sessions, all refreshment breaks, Tuesday night Opening Reception in the Exhibit Hall, the Exhibit Hall during exhibit hours, Wednesday Awards Lunch, and Wednesday evening Happy Hour in the Exhibit Hall. Regular registration is \$440 for non-members with a discount for early registration and an additional discount for members. Other special events are available. Additional fees may apply.

**One-day conference** attendees will receive access to all general and technical sessions and all refreshment breaks on the day of their choosing. Wednesday attendees also have access to the Exhibit Hall during exhibit hours, the Wednesday Awards Lunch, and the Wednesday evening Happy Hour in the Exhibit Hall. Regular registration is \$190 for non-members with a discount for early registration and an additional discount for members. Other special events are available. Additional fees may apply.

The **UP Distribution/Wed Conference Combo** entitles the attendee to participate in the UP Distribution Seminar on Tuesday, which includes refreshment breaks and lunch, as well as access to the Conference's Welcoming Reception in the Exhibit Hall Tuesday evening, all general and technical sessions on Wednesday, refreshment breaks on Wednesday, the Exhibit Hall during exhibit hours, Wednesday Awards Lunch, and Wednesday evening Happy Hour in the exhibit Hall. Regular registration is \$280 for non-members with a discount for early registration and an additional discount for members. (To register for the UP Distribution Seminar only, please use the UP Distribution Seminar registration form.)

**Spouses/Guests** must be registered to enter any function of the Conference. Registered guests have

access to all functions listed for full conference attendees except general and technical sessions. Regular guest registration is \$50 with a discount for early registration. You may purchase tickets to ticketed events in advance for your spouse/guest during the registration process. Please contact MI-AWWA staff for information on one-day registration for guests.

### SPECIAL DISCOUNT AVAILABLE

The Section has an ongoing commitment to support the active involvement of young professionals, retirees and those from small systems serving a population of fewer than 3,300. If you are in one of these groups, you are eligible for a substantial discount on full conference registration.

Young Professionals (under 35 years old or been in the industry for five years or less) who have never attended the Michigan Section's Annual Conference & Exhibits are eligible to have their registration fee waived. Please contact Matt Parks at 734-522-6711.

### EXHIBITOR REGISTRATION

Each booth includes Wednesday-only registration for two individuals, full access to the Exhibit Hall during set-up, exhibit hours, and tear down as well as access to Wednesday general and technical sessions, Wednesday refreshment breaks, and the Annual Awards Lunch. Exhibitors should use the Exhibitor Booth Registration form to reserve your booth and register. If

you are not working in your company's booth, please use the Conference Registration form.

### CONTINUING EDUCATION CREDITS FOR CERTIFIED DRINKING WATER OPERATORS

Individuals holding DEQ drinking water certification will be eligible for up to 1.3 CECs of approved credit in the categories as indicated in the technical schedule. As a reminder, technical and managerial credits count the same toward meeting the requirements for renewal. This allows you to attend sessions based on interest.

An additional 0.1 CEC in the 'other' category may be obtained when attending the exhibits on Wednesday. CECs for Exhibit Hall Training Sessions are also available.

### PROFESSIONAL DEVELOPMENT HOURS FOR PROFESSIONAL ENGINEERS

Licensed Professional Engineers (PEs) will be eligible for up to 13 professional development hours. A certificate of completion will be provided to PEs. Instructions for obtaining the certificate will be available in your registration packet.

### ACCOMMODATIONS

MI-AWWA has made arrangements for sleeping rooms at the Kewadin Casino, Sault St. Marie, MI during the 2015 MI-AWWA Annual Conference and Exhibits. A special rate of \$78.00 plus tax will be extended to attendees through August 14,

### AVAILABLE CECs BY DAY

Day	technical category	managerial category	other category
Tuesday	0.6		
Wednesday	0.2	0.2	0.1
Thursday	0.4	0.4	
Friday	0.3		

\*\*Represents available CECs in that category. Because some sessions are concurrent, this does not represent the total an attendee will receive. A maximum of 1.3 CECs is achievable within the constraints of the schedule. Attendees must be present from the beginning of a session to its conclusion in order to earn the applicable CECs for that session.





or until the block is filled. A limited number of living room suites are available at \$108.00 per night. If you wish to arrive early or extend your stay after the Conference, please check with the hotel for availability.

To reserve your room, please call the Kewadin Casino hotel directly at either (800) 539-2346, extension 1, or at (906) 632-0530. To receive the discounted room rate, you must **reference group code 1369**. You must guarantee your room at the time of reservation by using a credit card. Visa, Master Card, Discover and American Express are accepted at the hotel.

If you have any special lodging requirements, please make your request when you are making your reservation.

Make your reservations by August 14, 2015 and be entered into a drawing to receive one night's complimentary lodging to be applied during your stay. After that date, reservations will be accepted based on space-availability at the prevailing room rate.

Check in time is 4:00 pm on the day of arrival. Check out time is 11:00 am on the day of departure.

#### HOTEL AMENITIES

**Pool** - Relax and escape to the pool after a day of sessions. The enclosed area has a whirlpool and sauna.

**Fitness Center** - Stay fit while at the conference by enjoying the fitness center. The center offers cardiovascular and weight training equipment for your use.

**Game Room** - Keep your family entertained in the game room, which features many new and old favorites.

**Shuttle Service** - The hotel provides complimentary shuttle to local attractions. Please contact the concierge upon arrival for additional information.

#### HOTEL ADDRESS

2186 Shunk Road,  
Sault Ste. Marie, MI 49783

#### SAULT ST. MARIE LOCAL INFORMATION

Detailed information is available through the Sault Ste. Marie (Michigan) Convention and Visitors Bureau. Please visit their website at [saultstemarie.com](http://saultstemarie.com) or call either (800) 647-2858 or (906) 632-3366.

If your plans are to visit Sault Ste. Marie, Ontario, Canada, please visit [saulttourism.com](http://saulttourism.com) or call Tourism Sault Ste. Marie at either (800) 461-6020 or (705) 759-5442.

#### SPECIAL REQUIREMENTS DURING THE CONFERENCE

If you have dietary or ADA requirements, please make your request known when you register for the conference in advance.

#### TICKETED EVENTS

Advance registration is required for ticketed events to ensure space availability. Ticketed events include:

**MI-AWWA Annual Golf Outing** - a fun golf scramble to raise money for scholarships and Safe Water in Ecuador projects.

**George W. Fuller Luncheon** - a time-honored tradition of announcing this year's Michigan Fuller Awardee, which is secret until revealed at this event.

**Soo Locks Tour and Dinner Cruise** - a tour of the local Soo Locks and rivers in and around Sault Ste. Marie while enjoying a wonderful meal. Please secure your tickets when registering for the Conference.

A limited number of tickets for each event may be available on-site. Please inquire at the registration desk.

#### CONFERENCE CANCELLATION POLICY

**Substitutions** - If you are not able to attend, substitutes are encouraged. Please email the name of the substitute to [ejohnson@mi-water.org](mailto:ejohnson@mi-water.org). Rates are based on membership, so additional fees may apply.

**Cancellations** - If a substitute is not available to attend in your place, please notify MI-AWWA in writing by sending an email to [ejohnson@mi-water.org](mailto:ejohnson@mi-water.org) or faxing notice of cancellation to (517) 292-2912 attention Eric Johnson.

1. If cancelled by 4 pm on August 14, 2015, you will receive a full refund less a \$25 processing fee.
2. If cancelled after 4 pm on August 14, 2015, but prior to 4 pm on September 4, 2015 you will receive 50% of the registration fee paid. There is no refund for purchased meals or special activities.
3. If cancelled after 4 pm on September 4, 2015, or if you are a no-show, there will be no refund.

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



**Al Whalen**  
Marketing Manager  
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[awhalen@kelman.ca](mailto:awhalen@kelman.ca)

# Conference Registration - MI-ACE 2015

You may register online. Or you may complete this form and send with payment to MI-AWWA at the address below.

Attendee Name: \_\_\_\_\_ Preferred name for badge: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

AWWA Member #: \_\_\_\_\_

*Employees of utility members may use the utility's member number to receive the member discount.*

Spouse/Guest Name: \_\_\_\_\_ Spouse/Guest Email: \_\_\_\_\_

Conference Options	on or before Aug 14		Aug 15-Sep 1		after Sep 1	
	Member	Non Member	Member	Non Member	Member	Non Member
<b>Full Conference</b>	\$325	\$415	\$350	\$440	\$375	\$465
<b>One Day</b> Please select day <input type="checkbox"/> Wed <input type="checkbox"/> Thu <input type="checkbox"/> Fri	\$125	\$165	\$150	\$190	\$175	\$215
<b>UP Distribution/Wed Conference Combo</b>	\$175	\$255	\$200	\$280	\$225	\$305
<b>Spouse/Guest</b>	\$25		\$50		\$75	
<b>Registration Total</b>					<b>\$</b>	

## Special Discount Programs

The Section has an ongoing commitment to support the active involvement of young professionals, those from small systems, and retirees. If you belong to one of these groups, you may register at the discounted rate indicated below.

	on or before Aug 14		Aug 15-Sep 1		after Sep 1	
	Member	Non Member	Member	Non Member	Member	Non Member
<b>Retiree</b>	\$125	\$215	\$150	\$240	\$175	\$265
<b>Small Systems Employees</b>	\$225	\$315	\$250	\$340	\$275	\$365

**Young Professional/attendee for the first time:** *Must be 35 years old or younger or have five years or less in the industry, and be attending the Michigan Section's Annual Conference & Exhibits for the first time. Please contact YP Chair Matt Parks at 734-522-6711 or matt.parks@ohm-advisors.com for more information.*

Discount Registration Total \$

## Special Events

Please let us know which special events you plan to attend. Additional fees may apply.

		Exhibitor 1	
Welcome Reception (complimentary)	RSVP	<input type="checkbox"/> Yes	<input type="checkbox"/> No
YP and First Time Attendee Breakfast (complimentary)	RSVP	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Women on Water Mixer (complimentary)	RSVP	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Annual Awards Lunch (complimentary)	RSVP	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	RSVP Guest	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Happy Hour (complimentary)	RSVP	<input type="checkbox"/> Yes	<input type="checkbox"/> No
George W. Fuller Luncheon	\$35 x _____ # of tickets =		
Soo Locks Tour and Dinner Cruise	\$55 x _____ # of tickets = _____		
<b>Special Event Total</b>		<b>\$</b>	

## Special Requirements

*Please tell us about any special dietary restrictions or ADA requirements you have.*

Total Amount Enclosed \$

**Payment Options:** Payments must be received, faxed, or post marked by the date indicated for the registration fee.

Check enclosed  Credit Card Card #: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

Name on card: \_\_\_\_\_ Signature: \_\_\_\_\_

You may register online. Or complete this form and send with payment to:  
MI-AWWA Payment Processing, Dept 6091, PO Box 30516, Lansing, MI 48909-8016 Fax (517) 292-2912

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# Hotel Registration Form

Michigan Section, American Water Works Association

## Group ID 1369 | Conference Rate deadline: August 14, 2015

Kewadin Casinos Hotel and Convention Center, in Sault Ste. Marie, is proud to host MI-AWWA for their 2015 Annual Conference and Exhibits. The following information will assist you in reserving your hotel room.

The block of rooms being held for this event is based on estimated attendance. Please make your reservations as promptly as possible. Individual reservations are subject to a 24-hour cancellation policy. Check-in is 4:00 p.m. Check-out is 11:00 a.m.

Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Sharing with (if applicable):  
Room rates are \$78.00. All rates are subject to 12% applicable taxes.

Type of accommodations preference:

- King Room (one bed)
- Queen Room (2 beds)
- Suite (\$108.00)
- Smoking       Non Smoking

Arrival Date: \_\_\_\_\_ Departure Date: \_\_\_\_\_

Email Address: \_\_\_\_\_

\*Room request are subject to availability within the Groups Room Block, and will be reserved on a "First come, first served" basis. Reservations will not be processed without a form of guarantee. The hotel accepts Visa, MasterCard, Discover and American Express.

Credit Card      Account #: \_\_\_\_\_

Debit Card      CVV #: \_\_\_\_\_ Exp. Month/Date: \_\_\_\_\_

Discounted room rates are available through Friday, August 14, 2015 or until the block is filled. If you wish to arrive early or extend your stay after the Conference, please check with the hotel for availability. If you have any special lodging requirements, please make your request when you are making your reservation. Please refer to **Group ID 1369** to receive the discounted rate.

Make your reservations by Friday, August 14, 2015, and be entered into a drawing to receive one night's complimentary lodging to be applied during your stay. After that date, reservations will be accepted based on space-availability at the prevailing room rate.

If there are any questions please call 1.800.539.2346, extension 1.

Please return form to Stephanie Sprecker at [ssprecker1@saulttribe.net](mailto:ssprecker1@saulttribe.net) or fax to Stephanie at 906-635-4948.

# Golf Outing Registration

All proceeds go to Safe Water in Ecuador (SWIE) and to fund scholarships for students in water-related education programs.

Contact Name: \_\_\_\_\_ Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

List Team members by Name (1-4 golfers per form). If contact is also golfing, please include his/her name below.

1. \_\_\_\_\_ 2. \_\_\_\_\_

3. \_\_\_\_\_ 4. \_\_\_\_\_

Name your team (optional): \_\_\_\_\_

I would like our team sign for our two golf carts? (*signs for team carts will be exactly the same*)

**Please note:** if you do not supply four names for your team, you will be combined with other golfers to complete your team. If there are other single golfers with whom you would like to golf, please indicate their names below. We will do our best to accommodate your request. Those purchasing a foursome may use TBD in place of names and supply individual names later.

**Payment Information** *Payment must be included with this registration form.*

Single Golfer(s) (up to three) \$70 per person x \_\_\_\_\_ golfer(s) = \_\_\_\_\_

Golf Team (four golfers) \$275 per team = \_\_\_\_\_

**Total amount enclosed \$** \_\_\_\_\_

**Sponsorships**

*There are several opportunities to increase your company's visibility during the MI-AWWA Annual Golf Outing while helping to raise money for scholarships and SWIE. Please indicate the sponsorship of your choice.*

	<u>Amount</u>
Golf Outing Hole (\$250)	_____
Golf Outing Box Lunch (one of three available, \$250)	_____
Golf Outing Beverage Cart (exclusive, \$500)	TAKEN _____

**Sponsorship Total \$** \_\_\_\_\_

Check enclosed     Credit Card

Card #: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

Name on card: \_\_\_\_\_

Signature: \_\_\_\_\_

Deadline to register for Golf is September 1st. Send form with payment to:

MI-AWWA  
Dept 6091  
PO Box 30516  
Lansing, MI 48909-8016  
Fax (517) 292-2912





# Exhibitor Prospectus

Partner with MI-AWWA to reach your audience at this year's 77th Annual Conference & Exhibits. Join water industry leaders, buyers and practitioners from the State of Michigan who are coming together for peer-to-peer continuing education and networking opportunities.

### Show hours

#### New! – Tuesday, September 15: 6:30 pm - 8:00 pm

Welcome Reception in the Exhibit Hall. This year, the UP Distribution Seminar immediately precedes the Conference on Tuesday. Having the Welcome Reception in the Exhibit Hall will help bring together both the attendees of the Seminar and the Conference, giving you more traffic for your booth.

#### Wednesday, September 16: 10:00 am until 6:30 pm, closed 11:30 am - 1:30 pm for lunch

Opening General Session concludes at 10:00 am; conference attendees will move to the Exhibit Hall for a mid-morning refreshment break. CEC's for certified drinking water operators on the ½ hour; 1:30 – 3:30 PM at selected and approved exhibit booths. For more information on this opportunity, please contact Bonniifer Ballard. Safe Water in Ecuador (SWIE) Chance Auction will be held in the Exhibit Hall. This year, you have the opportunity to sponsor an item in your booth. For more information or to get an auction donation form, contact Ben Whitehead at [WhiteheadBC@bv.com](mailto:WhiteheadBC@bv.com). The Drinking Water Taste-Off will take place after 4:00 pm in the Exhibit Hall. The Conference Attendee Reception dubbed Happy Hour this year runs from 5:00 pm - 6:30 pm in the Exhibit Hall. Prize drawings and Chance Auction results will be held in the Exhibit Hall in the morning and after 4:00 pm.

### Exhibitor move-in and booth set-up

Monday, September 14: 5:00 am - 9:00 pm and Tuesday, September 15: 7:00 am - 6:00 pm.

Any booths still empty at 6:00 pm Tuesday evening will be set up for use during the Welcome Reception. Late set-up allowed Wednesday morning, September 16: 7:00 am - 9:00 am.

### Exhibitor move-out and teardown

Wednesday, September 16: 6:30 pm - 10:00 pm. **No exhibitors may remove any part of their exhibit prior to the close of the reception at 6:30 pm.** Exhibits must be completely removed no later than 10:00 pm.

### Price

	Before Aug 7	Aug 7 to Sep1	after Sep 1
Member	\$550	\$575	\$625
Non-member	\$600	\$625	\$675

Space is limited, so register your booth space early to avoid not being represented!

### Price includes:

Exhibit space 8' (wide) by 10' (deep) pipe/drape on sides and back with a 6' x 30" skirted and covered table, 2 chairs, 1 wastebasket, and 110v electrical. Two 1-day conference registrations which includes the opportunity to attend education sessions, networking, the Annual Awards Lunch, and refreshment breaks on Wednesday are also included.

For more information, contact Eric Johnson or Bonniifer Ballard at 517-292-2912, or via email at [ejohnson@mi-water.org](mailto:ejohnson@mi-water.org) or [bballard@mi-water.org](mailto:bballard@mi-water.org).



# Exhibitor Booth Registration - MI-ACE2015

This form should be used only if you want to exhibit at the Section's Annual Conference & Exhibits. If you do not plan to exhibit or are not associated with your firm's booth, please use the regular Conference Registration form. You may register online. Or you may complete this form and send with payment to MI-AWWA at the address below.

Primary Contact: \_\_\_\_\_ Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

AWWA Member #: \_\_\_\_\_

Please provide the names of the two individuals who will be working the booth on Wednesday:

Exhibitor Attendee Name 1: \_\_\_\_\_ Preferred name for badge 1: \_\_\_\_\_

Exhibitor Attendee Name 2: \_\_\_\_\_ Preferred name for badge 2: \_\_\_\_\_

Booth Options	on or before Aug 7		Aug 8-Aug 31		after Sep 1	
	Member	Non Member	Member	Non Member	Member	Non Member
8'x10' Booth	\$550	\$600	\$575	\$625	\$625	\$675
Booth Total						\$ _____

## Sponsorships

There are many opportunities to increase your company's visibility before, during, and after the show. Sponsorship also allows the Section to make the conference a richer experience for all. Please indicate the sponsorship of your choice.

	Amount	
Golf Outing Hole (\$250)		
Golf Outing Box Lunch (one of three available, \$250)		
Golf Outing Beverage Cart (exclusive, \$1,500)	TAKEN	
Gold (\$1,500)		
Silver (\$1,000)		
Bronze (Wed, \$500)		
PowerPoint Billboard (\$100)		
Sponsorship Total		\$ _____

## Full Conference Upgrade

Either exhibitor working the booth may upgrade to a full conference registration. Please indicate whether you will be taking advantage of this offer and your special event choices accordingly. Additional fees may apply.

		Exhibitor 1		Exhibitor 2	
I plan to attend the full conference. (\$125 member /\$165 non-member)					
YP and First Time Attendee Breakfast (complimentary)	RSVP	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Women on Water Mixer (complimentary)	RSVP	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Annual Awards Lunch (complimentary)	RSVP	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
George W. Fuller Luncheon	\$35 x _____ # of tickets =				
Soo Locks Tour and Dinner Cruise	\$55 x _____ # of tickets =				
Conference Total		\$ _____			

## Special Requirements

Please tell us about any special dietary restrictions either of you have.

Grand Total Due \$ \_\_\_\_\_

## Payment Options

Payments must be received, faxed, or post marked by the date indicated for the registration fee.

Check enclosed  Credit Card

Card #: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

Name on card: \_\_\_\_\_ Signature: \_\_\_\_\_

MI-AWWA Payment Processing, Dept 6091, PO Box 30516, Lansing, MI 48909-8016 Fax (517) 292-2912  
Cancellation policy is posted online. For questions, please contact Eric Johnson at [ejohnson@mi-water.org](mailto:ejohnson@mi-water.org).





## Sponsorship Opportunities

The Section has enjoyed a strong relationship with our exhibitors. This year, we'd like to offer you additional opportunities to increase visibility. This also helps the Section provide a richer conference experience for everyone. Thank you for considering a sponsorship.

### Annual Golf Outing

The Annual Golf Outing offers a great opportunity to spend time with customers and potential customers while helping to raise money for Safe Water in Ecuador and scholarships for students in water-related educational programs.

### Hole Sponsorship: \$250

*Proceeds dedicated to SWIE*

Your company logo on a sign at the tee box

### Box Lunch Sponsors (three available): \$250

Your company logo along with up to two other sponsors on the Box Lunches

### Beverage Cart Sponsor: \$1,500

TAKEN

*Proceeds dedicated to SWIE*

Your company logo on the Beverage Cart

### Chance Auction Item

SWIE is hosting a Chance Auction this year. The SWIE Committee needs help getting items for the auction. You may either display the item in the general auction area or in your booth to help drive traffic. SWIE is looking for a variety of items including gift cards, gift baskets, tools, outdoor items, event tickets, and sport memorabilia. The Committee will accept items of any value but items of a \$25 value or greater are preferred. For more information or to get an auction donation form, contact Ben Whitehead at [WhiteheadBC@bv.com](mailto:WhiteheadBC@bv.com).

### PowerPoint Billboard

You have the opportunity to promote your products and services with the PowerPoint Billboard displayed on the exhibit floor. This "Billboard" is a PowerPoint file that loops, playing continuously during exhibit hours. Your slide can describe a new product or service, or simply describe your firm. This added exposure is sure to generate increased interest by conference attendees. Instructions for submission will be sent along with your confirmation.

### One slide: \$100

(maximum three slides per firm)

### Conference Sponsorship

New this year – there are three different levels of sponsorship to help you increase your visibility leading up to, during, and after the conference.

#### Gold – \$1,500

Benefits include:

- Recognition in pre-conference promotional materials
- Logo on website
- Logo in conference materials
- Recognition in the conference pre-session slides
- Logo in fall issue of *Water Works News*

#### Silver – \$1,000

Benefits include:

- Name on website
- Name in conference materials
- Recognition in the conference pre-session slides
- Logo in fall issue of *Water Works News*

#### Bronze – \$500

Benefits include:

- Name on website
- Name in conference materials
- Recognition in the conference pre-session slides
- Name in fall issue of *Water Works News*



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Mike Trombly - Gleason, WI 54435

**LOWER MICHIGAN**  
Dan Kitchen - Portage, MI 49002

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# YP SUMMIT 2015 IN THE 'CONSTRUCTION CAPITAL'

By Benjamin H. Anderson



Austin is referred to as 'the live music capital,' and a night out on the town clearly shows why. However, with all the cranes at work during the day, it could be mistaken for the construction capital. The beautiful city of Austin, Texas, was a very fitting locale for this year's AWWA/WEF Young Professional (YP) Summit. Just like the countless developing buildings all around us, taking shape and pointing toward the bright future of this awe inspiring city, the growing group of gifted young professionals who were there will be shaping the future of the water utility industry for generations to come. Our predecessors labored many years to not only lay a solid foundation, but to

also put in place all the tools that we, as young professionals, now have the privilege of using to build further.

As I saw the painstaking process of the bricks being laid for the buildings around us, I could not help but question my own place in the water industry as an operator surrounded by engineers; not because I am treated different, but because I am treated the same. Having the opportunity to network with others who are being molded into the builders of the future, sharpens and develops the tools for my own toolbox with every conversation and presentation. Dr. Manuel Teodoro, Associate Professor at Texas A&M University gave a presentation at the YP Chair Training event that

helped reinforce the idea that we are all similar enough to work together, but different enough to make each of us as important as the next. Dr. Teodoro showed us that our loyalty to the water industry would be the mortar that held us together.

As insightful as he was inspirational, George Hawkins, General Manager of the District of Columbia Water and Sewer Authority, spoke of the water industry with both conviction and adoration. During his presentation, *Beyond Your Local Water System: The Water System Connects Everywhere*, Mr. Hawkins challenged the YPs to be leaders in innovative ideas, not only in terms of technological advancements, but also when communicating what we do to the public. Mr. Hawkins hammered home the point that we need to change the conversation with the customer when it comes to the vital role water plays in our lives. It is our job, as the future of the industry, to nail down the concept of customer communication.

The presentation by Glenda Dunn, City of Waco, former AWWA Vice-President, entitled *Regardless of Job Title, We are All Professionals: What Being a Professional Means and How Professionalism Helps Your Career*, dealt with the similarities and differences



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between our generations. Ms. Dunn tamped into place the importance of working with the 'old professionals' to construct the solutions for future problems. With the generation before us on their way to retirement, it will be important for us to use the blueprints they have drawn to guide us along our way before we ultimately pass down our tool belts to the next generation. As we continue to build, there may never be a way to put the finishing touches on the project, but rather a continuous opportunity to perfect the constant touch ups that will be required to fulfill our obligation as the builders of the water industry.

Throughout the conference, many of the networking discussions were about how to get more engineering students in college interested in working in the water industry. As much as we hate the thought of moving beyond brewery tours and buying pizza, it may be as much a part of growing up as it is an opportunity to get fresh young minds to see the value of water. In addition, while it is a tremendous opportunity to meet once a year at a conference, our generation has become accustomed to internet-based social networking sites that provide a format for instant information exchange. Staying in contact with one another may play a critical role in shaping the future, and, depending on the format we chose to use for this exchange, the customer or student who is curious about the water industry will have a window into our world.

The presentations by my peers at the summit, clearly display the guidance and leadership that have been given to us. The willingness to work whenever called upon shows the needed work ethic it will take to fill the boots of the builders who came before us. As we develop new practices with the inventions of the future, utility management will continue to grow into a more efficient industry. This was made evident by seeing professionals like Nancy Sullivan, Section Services Representative, putting forth ample amounts of energy and effort, every day, to ensure this experience was such a success. I am truly grateful that I have been included with the phenomenal people in the AWWA who have, and will continue to have, such a huge impact on our world.

Two young professionals were selected to attend the 2015 YP Summit. This annual event sponsored by the Association helps YPs develop leadership skills.



Patrick Droze is a project engineer with OHM Advisors. He is involved with the MI-AWWA Young Professionals. He is participating in the Annual Conference Evaluation Initiative and co-coordinates the 'News from the Field' presentation for MI-ACE.



Benjamin Anderson is the Superintendent with Cassopolis DPW. He is involved with MI-AWWA Young Professionals and participated on the Web Redesign Implementation Team.



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# 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:

The election will take place during the Annual Business Meeting on Thursday, September 17, 2015 at approximately 7:30 AM at our Annual Conference at the Kewadin Casino and Resort in Sault Ste. Marie, Michigan.

**Director**

**Mark Coleman**, Wade Trim Associates

**Vice-Chair**

**Christine Spitzley**, Tri-County Regional Planning Commission

**Trustee 2015-2018**

**Amy Vail**, City of Cadillac

**Trustee 2015-2018**

**Clyde Dugan**, East Lansing Meridian Water & Sewer Authority

**Secretary-Treasurer**

**Brian Thurston**, MDEQ Cadillac

**Assistant Secretary-Treasurer**

*Not being filled*

## GOVERNMENT AFFAIRS COUNCIL UPDATE

The Government Affairs Council held its first meeting on October 21, 2014. This Council looks and feels a lot like the former Water Utility Committee right now, but the Council members have set goals and objectives that include not only functions of the former committee, but new short and long-term objectives as well. One of the primary functions of the Government Affairs Council is advocacy on behalf of members and our industry. At Joint Expo, the Council held a legislative event where Section members met with legislators and their staffs

to discuss the challenges and opportunities facing drinking water systems.

The Council is also refining its list of issues to track about which they communicate to members. Volunteers are needed to assist with this and other upcoming activities. If you're interested in policy and regulatory issues that affect water utilities, please consider volunteering. There may be a spot on the Council. Or you may be able to just focus on a particular project or activity. Please contact Council Chair Molly Maciejewski at [MMaciejewski@a2gov.org](mailto:MMaciejewski@a2gov.org).

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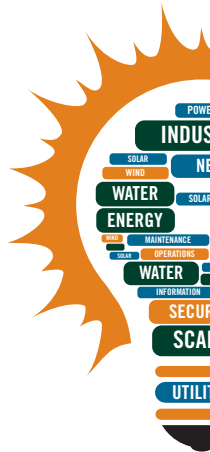




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## EDUCATION AND TRAINING

By Robert Miller, Vice-Chair, Education and Training Council

A big “Thanks” is due to all of you who were in attendance at any of the wonderful MI-AWWA spring training sessions. We are equally thankful to all the great presenters, instructors, other volunteers and staff who made these events possible. If you attended one of our Regional Meetings, you may have gotten a look a new program evaluation form. These forms are critical to ensure we deliver the best, most relevant and interesting information possible. Taking the time to fill out the evaluation is your chance to let us know if you want to see something different. These evaluations are reviewed by the Education and Training Council. The Council is also working on a broader educational needs survey. Your thoughts are very important, and we aim to address the needs of the industry.

If, for any reason at all, you were unable to attend a MI-AWWA Regional Meeting or other training this spring, please let me know why at [bmiller@south-haven.com](mailto:bmiller@south-haven.com). Our Council is in the midst of an ongoing effort to better identify the educational and training needs of the industry. For this reason, hearing from those of you not in attendance will be just as helpful to our mission.

Also ongoing is our effort to engage more and new members for volunteer opportunities with the Section. Defining these opportunities is somewhat of a work in progress, but if you have an interest you would like to share, or something you think might help others, contact me. We will find a role meeting whatever level of commitment you’re comfortable with.

## NEW ADDRESSES

With the recent change in staff comes a change in addresses. Please make a note of these addresses and pass them along to your accounting or finance department.

### Mailing Address

MI-AWWA  
PO Box 150469  
Grand Rapids, MI 49515

The mailing address is conveniently located for staff to receive and respond quickly to anything you send to the Section other than payments.

What should I send to this address?  
Correspondence, forms, applications, registrations, requests to be invoiced.

### Payment Address

MI-AWWA Payment Processing Dept 6091  
PO Box 30516  
Lansing, MI 48909-8016

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What should I send to this address?  
Registration forms with payment

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# AWWA DC FLY-IN A GREAT SUCCESS

By Bill Maier



**E**ach year in March, your AWWA has sponsored an event that promotes drinking water issues to our congress people in Washington, DC. This year, on March 17, Bill Fritz, Director of Utilities for Waterford Township, and I, recently retired from the Lansing Board of Water and Light, traveled there to meet with six of Michigan's House delegation and with both of our state's Senators. Our mission was to promote common-sense solutions to drinking water and wastewater community concerns. Molly Maciejewski, Chair of the Government Affairs and Legislation Council, was slated to attend, but Ann Arbor utility business intervened (as it so often does for all of us), so Bill stepped in to support the effort. Bill is an old hand at these Fly-Ins, having attended several times as the Chair of the Section's Water Utility Committee. I am very glad that he did, as his experience proved invaluable in scheduling and coordinating our trip!

The morning of Wednesday, March 18, Bill and I attended a meeting at the hotel, joined by AWWA members from 48 states, territories and Canadian provinces, to hear presentations by

DC Government Affairs staff on the most important national issues we were to talk about with the legislative staffers we were going to meet. GA Staff distributed folders containing one-page-summary handouts on five issues. The following is a digest of those issues.

- **Water Infrastructure Innovation and Finance Act (WIFIA)**

WIFIA legislation passed last summer contained a prohibition on pairing tax-exempt bonds with WIFIA projects, effectively strangling the use of this financing tool for infrastructure improvements. By pairing a correction to upcoming transportation legislation, this prohibition could be removed.

- **State Revolving Fund Tools, Full WIFIA Funding, and Tax-Exempt Municipal Bond Support**

This multi-point issue boils down to asking for funding support for all of these infrastructure project support tools. As critical pieces in water and wastewater infrastructure improvement projects, funding should be as full as feasible.

- **Algal Bloom Legislation**

The blue-green algae (more correctly called cyanobacteria) bloom off Toledo's Lake Erie shore last summer caused that utility's 'do not drink' order for several days. Bills passed by the House mandated EPA's response to the toxins, and were appreciated for what they proposed, but AWWA recommends several points be made: 1) Strengthen the Clean Water Act to allow reduction of nutrient flow from nonpoint sources, the root cause of the problem. 2) Support EPA's continued use of the Contaminant Candidate List and Unregulated Contaminant Monitoring Rule, as currently established under the Safe Drinking Water Act. 3) Acknowledge that the problem is always associated with excess nitrogen and phosphorus in the water, contributed almost entirely by nonpoint runoff and air deposition.

- **Chemical Spill Legislation**

The above-ground storage tank spill of a coal-washing agent into the river upstream of Charleston, West



Virginia's water intake affected 300,000 people in and around that city. Legislation proposes to create a new water protection program to create a new water protection program for chemical storage facilities. AWWA recommends that facilities posing a risk to drinking water supplies be held to the highest standards of security, and that speedy notification of water utilities be required. The notification should provide details about the type, quantity, and remedial measures, as well as disposal recommendations, state program funding, and the opportunity to recover utility expenses associated with the response.

• **Cyber Security and Water Utilities**

Recent hearings and proposed legislation are appreciated. Desirable legislative additions would include support for greater information sharing by federal agencies with utilities and expansion of liability protection for utilities that voluntarily participate.

Bill and I were welcomed at each of our eight appointments, which were cordial and interesting. We received genuine expressions of interest on each of the points. The disagreements were few, but when we had them, we had good discussions. There was a lot of walking. Bill calculated that we walked nearly five miles on the first day alone! We visited with legislative staffers over the two days (in the order visited) at the following offices:

Member	District
Honorable Fred Upton	6
Honorable Tim Walberg	7
Senator Gary Peters	NA
Senator Debbie Stabenow	NA
Honorable Bill Huizenga	2
Honorable Daniel Kildee	5
Honorable John Conyers, Jr.	13
Honorable Debbie Dingell	12

Following our last meeting on Thursday, March 19, the AWWA Fly-In

participants met again at the hotel to hear what might have been gained through our efforts. (Yes, they expected that there could be feedback already!) We were gratified to hear that there was 'buzz' on the Hill that our issues were being discussed positively, and that modifications to the aforementioned bills were being proposed.

This effort took a lot of preparation and I must conclude with thanks to AWWA's Washington DC staff, which does a terrific job of coordinating and consolidating issues important to all of us. The 'talking points' summaries they provided were excellent guides that allowed us who do not spend a lot of time in this arena to be effective communicators. We are well served by the people in this office.

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## REVISED STANDARD FOR DISINFECTING WATER MAINS IS NOW AVAILABLE

By Bob London, P.E. and Pat Cook, P.E., MDEQ

In 2014, the American National Standards Institute (ANSI) and the American Water Works Association (AWWA) approved an updated edition of ANSI/AWWA Standard C651, Disinfecting Water Mains, with an effective date of February 1, 2015. This standard was first approved in 1947, with subsequent versions being adopted over the past 67 years, most recently in 2005. Standard C651 is arguably the most widely used ANSI/AWWA standard by water suppliers, consulting engineers, contractors and MDEQ staff in the drinking water industry. Many water suppliers reference this standard in their water system construction specifications when applying for an Act 399 construction permit and, therefore, will have to update or modify their construction specifications to reference the latest edition of the standard.

The Michigan Safe Drinking Water Act, 1976 PA 399, as amended, and Administrative Rules require new mains to be flushed, disinfected and sampled for bacteriological analysis before being placed in service. Standard C651 provides the recommended procedures for these items, plus additional preventive and corrective measures that should be followed during the construction and disinfection processes to ensure water mains can be placed into service in a timely manner.

According to AWWA, the major revisions made to the standard include the following:

1. Changes the requirement for bacteriological sampling in new mains from two sets of total coliform samples collected 24 hours apart to one of the following options:
  - a. After final flushing, collect the 1st sample, wait at least 16 hours, then collect the 2nd sample.
  - b. After final flushing, wait at least 16 hours before collecting the 1st sample, then wait at least 15 minutes before collecting the 2nd sample.
2. Increases the minimum flushing rate from 2.5 ft/sec to 3.0 ft/sec for a scour flush prior to disinfection.
3. Includes expanded guidance for disinfecting existing water mains after repair, and presents a rationale for evaluating risk during pipe repairs, and the level of

disinfection and sampling needed under each of those conditions. The revision also clarifies differences in the requirements between new and repaired mains.

4. Adds a spray disinfection method for large transmission mains.
5. Includes references to new ANSI/AWWA Standard C655 (Field Dechlorination) for dechlorination and disposal of heavily chlorinated water.

The bacteriological sampling options listed in 1(a) and 1(b) are less stringent than the old standard, which required at least a 24-hour wait between the collection of 1st and 2nd samples. Also, the 16-hour time frame conflicts with Rule 1110(3)(b) of Act 399, which states that before placing a new water main in service "Not fewer than two consecutive water samples for bacteriological analysis shall be collected 24 hours apart unless an alternate interval is approved by the department." Therefore, water suppliers must receive prior MDEQ approval to use a sampling interval of less than 24 hours. The MDEQ will approve either of the 16-hour sampling options if a water supplier clearly states the alternative sampling interval will be used in their construction specifications. The approval will be given through the issuance of the construction permit by an MDEQ District Engineer.

Water suppliers should adopt the 3.0 ft/sec minimum flushing velocity into their construction specifications as soon as possible. The standard includes a table that shows the rates of flow necessary to produce the minimum velocity in commonly used sizes of pipe.

The revised standard also includes specific procedures to be used for cleaning, disinfecting, repairing, flushing, and sampling existing mains during repairs under several scenarios (repair under pressure vs. dewatering, clean trench vs. dirty trench, etc.). The MDEQ recommends that water operators become familiar with these procedures, and continues to encourage water suppliers to contact MDEQ when main breaks occur to ensure that the public is adequately protected.

To purchase ANSI/AWWA Standard C651-14, please go to the AWWA Store at [www.awwa.org/store](http://www.awwa.org/store).



**THEREFORE, WATER SUPPLIERS MUST RECEIVE PRIOR MDEQ APPROVAL TO USE A SAMPLING INTERVAL OF LESS THAN 24 HOURS.**



## FALL OPERATOR TRAINING

**W**ater operators have plenty of opportunities for continuing education and professional development while earning continuing education credits (CECs) this fall. All of the trainings offered are approved by DEQ for CECs and many are offered in partnership with DEQ.

### Math & Hydraulics courses

(1.8 technical CECs- both drinking water and wastewater)  
Sep 1-3 – covers many basic mathematics and hydraulics principles important to water system personnel

### Cross Connection course (advanced)

(0.5 technical CECs)  
Sep 10 – moves beyond the basics to more advanced principles in addressing cross connection issues

### UP Distribution Seminar

(0.6 technical CECs)  
Sep 15 – co-locating with the Michigan Section’s Annual Conference & Exhibits, highlights various aspects of the typical distribution systems issues in the UP

### MI-ACE 2015

(1.3 combined technical or managerial CECs)  
Sep 15-18 – two and half days of general and technical sessions and an opportunity to discuss real in-the-field issues with other water professionals.

### Distribution short course

(1.8 technical CECs)  
Sep 28-30 and Oct 13-15 – an in-depth look at water mains, pipeline appurtenances, system operation and more

### Limited Treatment course

(1.8 technical CECs)  
Oct 13-15 – covers basic math, chlorination, fluoridation, safety, iron removal, wells and pumps, and other miscellaneous treatment strategies



### Fall Regional Meetings

(0.5 technical CECs for attending only one day)  
Oct 6 – Livonia  
Oct 7 – Kalamazoo  
Oct 20 – Gaylord  
Oct 21 – Mt. Pleasant

### Health & Safety Seminar

(0.5 other CECs – both drinking water and wastewater)  
Oct 28 – new strategies and a few reminders of how work safety and effectively while carrying out your daily responsibilities



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# FINAL RECOMMENDATION FOR THE OPTIMAL FLUORIDE LEVEL IN DRINKING WATER

By Pat Cook, MDEQ

On April 27, 2015, the U.S. Department of Health and Human Services released its final recommendation for the optimal fluoride level in drinking water of 0.7 milligrams per liter (mg/L). Historically, the recommended level in northern or colder climate states such as Michigan was 1.0 – 1.2 mg/l. This new recommended level of fluoride in drinking water is set at a level to promote public health benefits of fluoride for preventing tooth decay, while minimizing the chance for dental fluorosis.

Community water fluoridation is the process of adjusting the natural fluoride concentration of a community's water supply to a level that is best for the prevention of dental caries. In the United States, community water fluoridation has been the basis for the primary prevention of dental caries for many years. In Michigan, approximately

7 million people received optimally fluoridated water representing 92% of the population served by public water systems and 70% of the state's total population. In January 1945, the City of Grand Rapids was the first community in the nation to add fluoride to a public water supply and for 70 years this preventive practice has been recognized as one of the 10 great achievements in public health of the 20th century.

The current regulations on fluoride consist of a Maximum Contaminant Level of 4.0 mg/L and a Secondary Maximum Contaminant Level of 2.0 mg/L. The Environmental Protection Agency (EPA) is currently reviewing and analyzing fluoride information regarding occurrence, health effects, and other factors under the *Safe Drinking Water Act's* third Six-Year Review to

decide whether a revision to the fluoride standard is likely to result in health risk reductions. EPA expects to complete the Six-Year Review in 2016.

The Michigan Department of Environmental Quality and the Michigan Department of Health and Human Services (MDHHS) agree with this final recommendation. Therefore, if you are currently adjusting the fluoride level in your drinking water, you may adjust it to a minimum of 0.7 mg/L. Water supplies are advised to not allow the fluoride concentration to fall below the optimal level as benefits to decay prevention become substantially less when they fall below 0.7 mg/l.

For more information on this subject, please contact Susan Deming, Education/Fluoridation Coordinator, MDHHS at [demings@michigan.gov](mailto:demings@michigan.gov) or your DEQ District Engineer.



THIS NEW RECOMMENDED LEVEL OF FLUORIDE IN DRINKING WATER IS SET AT A LEVEL TO PROMOTE PUBLIC HEALTH BENEFITS OF FLUORIDE FOR PREVENTING TOOTH DECAY, WHILE MINIMIZING THE CHANCE FOR DENTAL FLUOROSIS.



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# JOIN MIWARN MUTUAL AID PROGRAM

## No-cost program expedites assistance during infrastructure emergencies

The Michigan Water and Wastewater Agency Response Network (MiWARN) is a statewide network of member utilities and public works agencies designed to expedite mutual aid and assistance during times of crisis by using a members-helping-members network.

Emergencies are an unavoidable part of municipal services. Public infrastructure systems provide communities with life-sustaining resources of vital importance to maintaining public health, sanitation and safety. When transportation, water and wastewater services are interrupted for extended periods of time, a community's well being quickly deteriorates.

These are the benefits of MiWARN membership:

- A no-cost-to-join program for utilities and public works agencies;
- Provides immediate access to specialized equipment and personnel to assist during the initial stages of major emergencies;
- Paves the way for members within (and sometimes outside of) their respective states to send and/or receive

valuable aid in a quick and efficient manner; and  
• Allows access to specialized resources to assess and assist water and wastewater operators, as well as public works agencies, until a permanent operating solution is developed and in place.

The MiWARN mutual assistance program is consistent with other statewide mutual-aid programs and complies with the National Incident Management System (NIMS). FEMA formally recognizes the WARN programs across the US, which expedites reimbursement of costs.

MiWARN members can quickly access needed resources, including trained and licensed personnel, equipment and other resources that are needed to respond and recover quickly. By joining MiWARN, you can rest assured that the help you need will be available when your community needs it most of all.

For more information, please visit MiWARN's website.

Contact: Tim Neumann, Executive Director, MRWA or Tim Faas, Municipal Services Director, Canton Township, co-chairs of MiWARN.

# FALL REGIONAL MEETINGS

Licensed professional engineers as well as certified drinking water operators need continuing education. The Section helps make getting those needed training hours easier by offering regional meetings in four locations across lower Michigan as well as the U.P. Fall Distribution Seminar. The agendas for these programs will be available soon. You can count on interesting and relevant presentations that help you get the credits you need for renewal. Visit the Section website at [www.mi-water.org](http://www.mi-water.org).

## UP Distribution Seminar

Sep 15 – Sault Ste. Marie

## Fall Regional Meetings

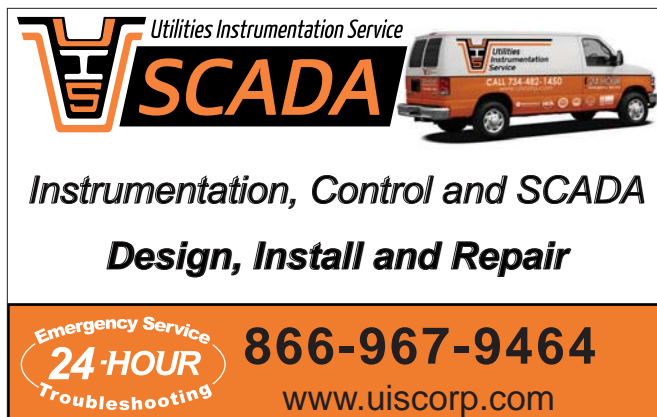
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Oct 6 – Livonia

Oct 7 – Kalamazoo

Oct 20 – Gaylord

Oct 21 – Mt. Pleasant



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## MICHIGAN SECTION, AWWA RAYMOND J. FAUST SCHOLARSHIP

The Michigan Section American Water Works Association Raymond J. Faust Scholarship was established to promote the pursuit of advanced education by water utility employees, a goal which commemorates the water supply career of Raymond J. Faust with the State of Michigan and the American Water Works Association.

Last year the Michigan Section AWWA awarded two \$1,000 scholarships with additional monies available.

All Michigan water utility employees and their dependents are eligible, as well as other individuals pursuing a water utility career. The scholarship award is based on demonstrated dedication to the water supply

industry and to the pursuit of a college degree in the drinking water field. Applicants will not be evaluated on financial need, but must be a member of the Michigan Section American Water Works Association. Application deadline is August 1, 2015. Applications and eligibility criteria can be obtained online at [www.mi-water.org](http://www.mi-water.org).

## BYLAWS UPDATE

What is more exciting than watching a gauge during a two-hour pressure test? Bylaws, of course!

The Section has been on a schedule to review the bylaws every five years. Due to a number of changes that have occurred at the Section, it was decided to update the Bylaws of the Michigan Section ahead of schedule. A task force was formed, a budget was approved, and the work on the bylaws has begun.

The task force will be recommending the elimination of two Board positions; the Assistant Secretary-Treasurer and the Vice-Chair. The Assistant Secretary-Treasurer position has remained vacant since the Section hired staff. It has been determined that staff can handle these functions. There is currently a four-year progression through the Chairs. By eliminating one position, the Chair progression will

be a three-year commitment, instead of four. This will match the existing Trustee and Director terms. The task force will also recommend a three-year term for the Secretary-Treasurer.

Other changes to the bylaws are still being considered. The task force hopes to be completed with the recommended changes to the bylaws this summer with a vote of the Section membership later this year.

## REGIONAL TASTE-OFF: BATTLE OF THE SURFACE WATER PLANTS

The regional taste-off had a grand showing in Kalamazoo, Gladstone and Mt Pleasant. River source Manistique won against several ground-water supplies and past winners to take the UP Institute trophy. In Kalamazoo, five of the six contestants were surface water plant samples, with Grand Haven nudging out their lakeshore competitors. At the Mt. Pleasant regional the City of Lowell beat both Chelsea (the 2014 state champ) and MHOG. Mancelona and Ann Arbor flowed through the contest uncontested.

Will a surface water source win the best tasting water statewide, or will the off gassing chlorine displease the national judges? Mancelona and Lowell want to find out. Come to the

Section Meeting in Sault Ste. Marie this September and see who has Michigan's best tasting water in 2015.







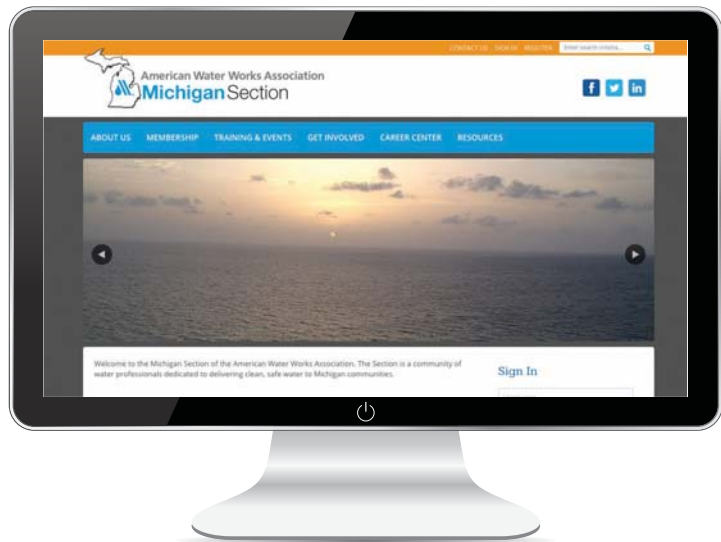
# NEW LOOK FOR SECTION WEBSITE

Check out the Michigan Section's new website. With AWWA2020: a Path to One AWWA, the Michigan Section chose a new logo. You may have noticed other updates to how things look m-as well. And now, the website has caught up.

A modern and clean look, the site is designed to make finding what you need easy. There is a catch. You may have to log in to find what you are looking for. And you will definitely need to log in to get your member discount on trainings and other benefits. It is really easy though!

There is a virtual tour that you can view using your computer's media player. The tour will help show you how to log in for the first time and highlight where to find key items on the site. If you have questions or need help logging in, please contact staff at 517-292-2912, or email [feedback@mi-water.org](mailto:feedback@mi-water.org)

A special thank you to the database and website implementation task force:



Ashley Kimble, Holland  
Ben Anderson, Cassopolis  
Christine Spitzley,  
Tri-County Planning Commission  
Cindy Irving,  
Fishbeck, Thompson, Carr & Huber  
Doug Scott, Rowe Professional Services  
Jaime Petrovich, Wyoming

Liane Shekter-Smith, MDEQ  
Mark Coleman, Wade Trim  
Mike O'Malley, St. Joseph  
Pat Staskiewicz, Ottawa County  
Randy Roost, Lansing  
Scott Schmidt, MDEQ  
Tina Pawlak, Holland  
Tom Smith, Prein & Newhof

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# MICHIGAN SECTION MAKES A BIG SPLASH AT ACE15

It is not every day that the Michigan Section is given such an opportunity to shine as we did at this year's AWWA Annual Conference and Exhibition in Anaheim, California. It seemed like every time we turned around the Michigan Section was in the forefront. From the "right up front" seating we were assigned for the opening general session, to the number of awards that were bestowed on Section members, the Michigan Section was well represented at this year's conference. So let's cover some of the highlights from this year's conference.

During the opening general session we had three of the Section's finest walk across the stage to receive awards. First to cross the stage was Gerald Caron who



**Gerald Caron**

received the Lifetime Honorary Membership Award. This award recognizes members for outstanding contributions to the field of public water supply. Gerald is retired from the City of Wyoming and was awarded for his dedication to the drinking water industry, AWWA, the Michigan Section and the protection of public health; his advocacy of continuing education and research, active support of public involvement, leadership in the drinking water profession; and for the betterment of his public utility.

Out next award winner was Charles Van Der Kolk who received the Outstanding Service to AWWA Award for exemplary service to the Association. Chuck was award this honor for his dedication to the drinking water industry, AWWA, the



**Charles Van Der Kolk**

Michigan Section, and the protection of public health; for his outstanding service to AWWA by his active leadership, and his contributions to AWWA through his advocacy of educating the public and elected officials, and striving to make the world a better place.

Our final award winner of the morning was Dr. Gary Logsdon who received the Abel Wolman Award of Excellence which recognizes those whose lives in the water profession exemplify the vision, creativity, and professional characteristics of Wolman's long and productive career. Dr. Logsdon was recognized for his creativity through research, studies and full-scale facility work that have delivered substantial impacts in the development of drinking water regulations, water treatment practice, and a reduction in waterborne giardiasis outbreaks.

The awards did not stop there. Later in the conference Tom Idema was presented with his Fuller Award at the Fuller Breakfast. George Warren Fuller Awards are presented annually by the American Water Works Association to the sections' respective selected members for their distinguished service to the water supply field in commemoration of the sound engineering skill

... the brilliant diplomatic talent . . . and the constructive leadership which characterized the life of George Warren Fuller. There were many of the Section's attendees present to see Tom receive his award.

Later that same day the Lansing Board of Water and Light received the AWWA Landmark Award for it's Dye Water Conditioning Plant. The landmark award is given to recognize and preserve an American, Canadian, or Mexican Water Landmark at least 50 years old that has had a direct and significant relationship with water supply, treatment, distribution, or technological development.

Finally on Wednesday the Lansing Board of Water and Light Lansing Lethal Ladies water main tapping team defended their championship by once again winning the women's tapping competition. Congratulations to the BWL Lethal Ladies Water Tapping Team for winning the AWWA national championship for the second year in a row. They competed against nine other teams from across the country and won with a winning tap time of 2 minutes and 35 second, beating their closest competitor by 13 seconds. Team members include : Kelly Gleason,



**Tom Idema with Michigan Section Members**



Catherine Ackley , Marissa Klimkiewicz and Coach Remeco Sanders.

Our men's tapping team of Richard Garza, Brad Lundquist and Kyle James, also from the Lansing BWL, turned in an admirable time of 1 minute 54 seconds but did not make the final competition. Our Meter Madness competitor Rick Greenwell placed well but did not make the final competition. We would like to congratulate all of our contestants for all of their hard work to get to the national competition

All in all it was a great conference for the Michigan Section. Now we need to make sure that we continue our success at next year's conference in Chicago.



Lansing Lethal Ladies

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# HEADS UP! AWARENESS KEEPS YOU SAFE

By MI-AWWA Safety Practices Committee & *Safety.blr.com*

**S**afety awareness is the foundation of a safe workplace. Follow these steps:

- **Plan** each job before you start. Think about the tools, materials, equipment, and procedures you'll be using and the safety precautions you need to take.
- **Look** for possible problems. With the right precautions everything should be fine. But consider what could go wrong and hazards you might encounter.
- **Get** all the information you need to do the job safely. Never begin a job unless you know what to do and how to do it.
- **Wear** required personal protective equipment (PPE) to keep you safe. Never skip this step. PPE could prevent a serious injury—or even save your life.
- **Organize** your work area, keeping clean and clear of potential hazards such as things people could trip over, slip on, or bump into; materials that could catch fire; and chemicals that could release hazardous vapors or explode.
- **Inspect** tools, equipment, and PPE before using to ensure they are in good condition and safe to use.
- **Follow** safety rules. An important part of safety awareness involves knowing the safety rules that apply to every job you perform and following them at all times. This also means no fooling around and no taking shortcuts.
- **Focus** on what you're doing. If your mind is on something other than the job, the risk of making a dangerous mistake increases greatly. There's too much at stake for you to give your job anything less than your full attention.
- **Remain alert** for unsafe conditions and unsafe acts. When you encounter unsafe conditions, remove, repair, or report them. When you see unsafe acts, speak up and

express your concern to those taking risks.

- **Be prepared** for emergencies. Know what to do in the event of a fire or other emergency. Make sure you know where fire alarms, extinguishers, and emergency exits are located.

### News & Notes

One of the best ways to protect your safety and health on the job is to be aware of all the protections available to you so that you can take full advantage of them to fend off workplace hazards. Along with your common sense and alertness, there are three levels of protection.

*The first is engineering controls.*

These are things that are built in to our facility, equipment, and processes—for example: ventilation, machine guards, emergency stop controls,

ergonomically designed workstations, and vapor barriers.

*The second level is administrative controls.*

These are procedures worked out by our safety experts and involve steps like rotating workers and limiting the amount of time a worker can perform a particular job to minimize exposure to hazards. Administrative controls also include safe work practices and work rules designed to prevent accidents and injuries.

*The third level of protection is personal protective equipment (PPE).*

When neither engineering controls nor administrative controls—nor a combination of the two—is sufficient to reduce hazards to safe levels, then we require you to wear PPE, which serves as a personal barrier against hazards we can't completely control by other means alone.



THERE'S TOO MUCH AT STAKE FOR YOU TO GIVE YOUR JOB ANYTHING LESS THAN YOUR FULL ATTENTION.

### Safety Question of the Quarter

Slips, trips, and falls are responsible for \_\_\_\_\_% of all accidental deaths.

- (A) Less than 5% (B) 15% (C) 26% (D) More than 30%

**Answer:** (B) 15% - OSHA reports that slips, trips, and falls are second only to motor vehicle crashes as the leading reason for general industry accidents that cause sprains, strains, back injuries, fractures, and contusions. Slips, trips, and falls comprise 15 percent of all accidental deaths.



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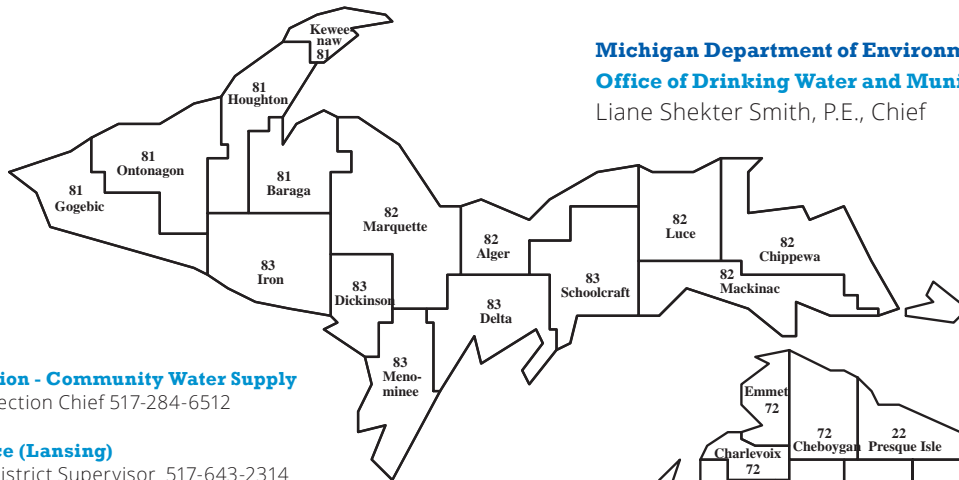




# COMMUNITY WATER SUPPLY PROGRAM

**Michigan Department of Environmental Quality  
Office of Drinking Water and Municipal Assistance**

Liane Shekter Smith, P.E., Chief



### Field Operations Section - Community Water Supply

Richard Benzie, P.E., Section Chief 517-284-6512

### Lansing District Office (Lansing)

Stephen Busch, P.E., District Supervisor 517-643-2314  
Adam Rosenthal, Environmental Quality Analyst 517-284-6644  
District 11 - Michael Prysby, P.E., Engineer 517-290-8817  
District 12 - Bethel Skinker, P.E., Engineer 517-290-0686  
District 13 - Mark Joseph, P.E., Engineer 517-290-0170  
District 14 - Kurt Swendsen, Engineer 517-525-1487

### Saginaw Bay District Office (Bay City)

Jon Bloemker, P.E., District Supervisor 989-460-7254  
Rebecca Kaiser, Environmental Quality Analyst 989-894-6263  
District 21 - Robert London, P.E., Engineer 989-450-7834  
District 22 - Joseph Reinke, P.E., Engineer 989-894-6261  
District 23 - Daryl Gotham, P.E., Engineer 989-450-8146  
MHC\* - Todd Brookens, Envir Quality Analyst 989-894-6268

### Jackson District Office (Jackson)

Stephen Busch, P.E., District Supervisor 517-643-2314  
Jeff Antil, Environmental Quality Analyst 517-780-7840  
District 31 - Jerry Drake, P.E., Engineer 517-937-6799  
District 32 - Pat Brennan, P.E., Engineer 517-513-2432

### Southeast Michigan District Office (Warren)

Kristina Donaldson, P.E., District Supervisor 586-753-3759  
Samantha Jackson, Environmental Quality Analyst 586-753-3755  
District 41 - Stephanie Johnson, P.E., Engineer 586-506-6137  
District 42 - Amber Lopez, P.E., Engineer 586-506-6136  
District 43 - Abuzoha Islam, Engineer 586-753-3774  
District 44 - Jaiye Bridges, Engineer 586-206-0234

### Kalamazoo District Office (Kalamazoo)

Amy Lachance, District Supervisor 616-490-9590  
Heather Bishop, Environmental Quality Analyst 269-330-9153  
District 51 - Wood Chooi, P.E., Engineer 269-567-3611  
District 52 - Gary Wozniak, P.E., Engineer 269-491-3107  
District 54 - Katelyn Reyes, Engineer 269-216-1691  
MHC\* - Debbie Smith Ostrander, Envir Quality Specialist 269-491-4536

### Grand Rapids District Office (Grand Rapids)

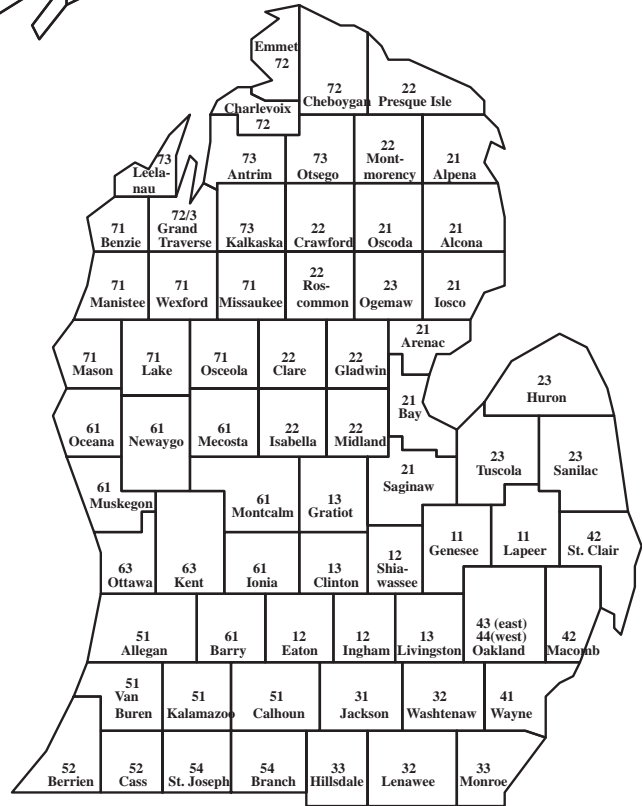
Amy Lachance, District Supervisor 616-490-9590  
Jeremy Klein, Environmental Quality Analyst 616-250-1053  
District 61 - Ernie Sarkipato, P.E., Engineer 616-307-0261  
District 63 - Luke Dehtiar, P.E., Engineer 616-307-0322  
MHC\* - Brian Esparsa, Envir Quality Analyst 616-307-0006

### Cadillac District Office (Cadillac)

Jon Bloemker, P.E., District Supervisor 989-460-7254  
Krista Robinson, Environmental Quality Analyst 231-876-4481  
District 71 - Scott Conradson, Engineer 231-876-4461  
District 72 - Brian Thurston, P.E., Engineer 231-590-3430  
District 73 - Brad Slater, P.E., Engineer 231-876-4482

### Upper Peninsula District Office (Marquette)

Chuck Thomas, District Supervisor 906-228-4514  
John Clark, Environmental Quality Analyst 906-228-3902  
District 81 - Doug Pascoe, P.E., Engineer 906-228-3903  
District 82 - Michael Bolf, P.E., Engineer 906-630-4107  
District 83 - Scott Swenor, P.E., Engineer 906-228-3905



### Community Drinking Water Unit (Lansing)

Kristen Philip, Unit Chief 517-284-6518  
Patrick Cook, P.E., Water Treatment Specialist 517-284-6514  
Vacant, Environmental Quality Specialist  
Source Water / Wellhead Protection  
Brant Fisher, P.E., Environmental Engineer Specialist 517-284-6515  
Jason Berndt, Environmental Quality Analyst 989-705-3420  
Jean Shekter, Environmental Quality Analyst 517-284-6519  
Wayne Kukuk, Geologist 517-284-6517  
Operator Training & Certification  
Paul Brun Del Re, Environmental Quality Analyst 517-284-5426  
Scott Schmidt, Environmental Quality Analyst 517-284-5431  
John Koenigsnecht, Environmental Tech 517-284-5430

**After Hours Emergencies: 1-800-292-4706**

**Community Water Website:** [www.michigan.gov/deq](http://www.michigan.gov/deq)  
Click on Water > Drinking Water > Community Water Supply

\* MHC = Manufactured Housing Communities



## MDEQ EMPLOYEE SPOTLIGHT

### Jon Bloemker, P.E., Bay City and Cadillac District Supervisor



Jon Bloemker, P.E., has worked for the State's Community Drinking Water Program since 1978. He has served as a

District Engineer, Drinking Water Laboratory Certification Officer, and most recently as the District Supervisor for the Bay City and Cadillac District Offices. Jon also teaches water and wastewater technology courses through Delta College and Mead & Hunt. Jon holds a Bachelor's Degree in Chemical Engineering from Purdue

University; a Master's Degree in Sanitary Engineering from Michigan State University; and a Ph.D. in Environmental Engineering from the University of Michigan. He is also a certified F-2 drinking water operator.

### Stephen Busch, P.E., Lansing and Jackson District Supervisor



Stephen Busch, P.E., has been with the MDEQ for 15 years, since 2013 as the Lansing and Jackson District Supervisor. Steve's prior

experience includes Wastewater and Non-Point Source District Engineer with the Kalamazoo District and

Drinking Water District Engineer with the Grand Rapids District. Steve has also served as the MDEQ Director's Representative on the State Plumbing Board since 2010, and is currently serving as Vice-Chair on the AWWA Michigan Section Government Affairs and Legislation Council.

Steve holds a Bachelor's Degree in Civil and Environmental Engineering from the University of Michigan, and is a Life Member of the University of Michigan Alumni Association. He also holds D-2 and S-2 certifications as a drinking water operator.

Steve and Catalina, his wife of 12 years, have two sons. Steve enjoys spending time on Lake Michigan in the summer, tailgating and football in Ann Arbor in the fall, mountain biking, and travel as time allows.

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## Kristina Donaldson, P.E., Southeast Michigan District Supervisor



Kris Donaldson, P.E., has been with the MDEQ for 12 years, serving as the Southeast Michigan District

Supervisor since 2012. Prior to working for the MDEQ, Kris spent several years as a Project Manager, Health and Safety Manager, and Field Engineer with Montgomery Watson Harza.

Kris holds a Bachelor's Degree in Environmental Engineering from Michigan Technological University.

Kris and her husband, Josh, have two children and a dog. She enjoys traveling, outdoor activities, ethnic food, and a well-crafted spreadsheet.

## Amy Lachance, Grand Rapids and Kalamazoo District Supervisor



Amy Lachance began her career with the State of Michigan in 1988 as a District Geologist for the Solid Waste

Program. In 1992, she became the Grand Rapids District Supervisor for the Waste Management Division of the MDEQ. In 2012, she made the switch to the Office of Drinking Water and Municipal Assistance, and is currently the Grand Rapids and Kalamazoo District Supervisor.

Amy earned her undergraduate degree in Geology from Dartmouth College and attained her Master's Degree in Hydrogeology from Western Michigan University.

Amy is married and has two daughters.

## Chuck Thomas, Upper Peninsula District Supervisor



Chuck has been with the State's drinking water program for 26 years, the last three as the Upper Peninsula District Supervisor. Previously,

Chuck spent two years as a Groundwater Specialist with the Marquette County Health Department, and eight years with Hercules Incorporated.

Chuck holds undergraduate degrees from Michigan Technological University in Geology and Geological Engineering.

Chuck and his wife, Lynn, have three grown children. He is a high school basketball referee and fast-pitch softball umpire. He enjoys swimming, bicycling, cross-country skiing, and wood working.

## Kristen Philip, Community Drinking Water Unit Chief



Kris Philip has been with the MDEQ's Community Drinking Water Program since 1995, initially as a District Drinking Water

Analyst, followed by many years as the program's compliance monitoring, data management, and EPA reporting Specialist. She has been the Community Drinking Water Unit Chief since April 2015.

Kris is a graduate of the University of Michigan, with a Bachelor of Science degree in Biology and Biological Anthropology.

Kris enjoys spending time at her family's cottage, outdoor activities, reading, and binge-watching television shows. Her biggest outside interest is travel: 49 states down, one to go!

## NEW RULES UPDATE

By Jean Shekter, MDEQ

Public comments on the proposed changes to the rules were received on February 18, 2015. The rules incorporate the *Revised Total Coliform Rule* provisions required by the U.S. Environmental Protection Agency with a compliance date of April 1, 2016. The rule package also includes changes to the cross connection rules, asset management planning, and the deadlines to submit the operator examination application. The MDEQ is removing the water quality report requirement for K12 schools and daycare centers that are non-transient, non-community water systems. Public comments were considered as the MDEQ prepared the final draft. The draft will undergo a formal review before it becomes effective.

For more information on the rule package, visit



[michigan.gov/deqwater](http://michigan.gov/deqwater)

click on Drinking Water, Community Water Supply, and Rule Promulgation under the Laws and Rules category.





# NEW MEMBERS

The Michigan Section, AWWA would like to extend a warm welcome to our newest members.

Fatima Abdelwahd  
 Eyosias Ashenafi  
 Theodore Batkie  
 Tom Bliss  
 Christopher Blough  
 Kimberly Blythe  
 Peter Bommarito  
 Eric Bondy  
 Clifford Bryant  
 Anh Bui  
 Lyle Caillouette  
 Tony Cecchini  
 Stephen Cole  
 Douglas Curtis  
 Ken Dargatz  
 Timothy Davis  
 David Delia  
 Adam Deyoung  
 Donald Echlin  
 Aly Flood  
 Kevin Foley  
 Michael Friedhoff  
 Pete Gallus  
 Paul Gibson  
 Curt Goodman  
 Lennard Gumaer  
 Sarah Haig  
 John Hines  
 Richard Hobgood  
 Pin Hsuan  
 Charline Hunt  
 Matt Ibeler  
 Michael Itrich  
 Robert Ivanovic  
 Stephanie Johnson  
 Matt Johnson



Brieland Jones  
 Michael Jurosek  
 Terry Kehr  
 Melvin King  
 Catherine Kirkland  
 Larry Knowles  
 Zach Kortz  
 Michael Lacroix  
 David Linderman  
 Drew Lovaasen  
 Robin Lucas  
 Mahesh Lunani  
 Dawn Lund  
 Nancy Lux  
 Greg Macintosh  
 James Malpass  
 Brian Masterson  
 Colin McCorkle  
 Clif McLellan  
 Archie Mears  
 Emily Meek  
 Ajit Mehta  
 John Mensinger  
 Russell Miller  
 Craig Miller  
 Daisuke Minakata  
 Jeffry Mitchell  
 John Monaghan  
 Edward Nahan  
 Ishwar Naik  
 Tula Ngasala  
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 City of Reading  
 Jenny Oorbeck  
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Tracy Petit  
 Darryll Plamondon  
 Brad Pryor  
 Matthew Ratz  
 Chad Reul  
 James Ritsema  
 Matthew Rizzo  
 Deena Roberson  
 Robert Roland  
 Christopher Rovig  
 William Sadler  
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 David Schmuker  
 Jeffrey Sears  
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 Timothy Simmons  
 Kevin Sisk  
 Stephen Smith  
 Kimberly Smith  
 Gary Smolinski  
 Yang Song  
 Lauren Stadler  
 Seth Swanson  
 Doug Sweeris  
 Adam Taylor  
 Thomas Thompson  
 Katerina Tsou  
 Village of Union City  
 Alex Wangeman  
 Robert West  
 Joseph Wilson  
 Huiyun Wu  
 James Yonts  
 Howard Selover

American Water Works Association  
Michigan Section

If you know of someone who is interested in membership in the Michigan Section, AWWA, you can send them to our website for a membership application, or you can have them contact our Membership Recruitment and Engagement Council chairs, Mike Williams ([mike.williams@peerlessmidwest.com](mailto:mike.williams@peerlessmidwest.com)) or Tina Pawlak ([tpawlak@hollandbpw.com](mailto:tpawlak@hollandbpw.com)).



## NEW MEMBER SPOTLIGHT: DEENA ROBERSON

By Tina Pawlak

The Section would like to welcome new member Deena Roberson, Conservation Programs Specialist for the Holland Board of Public Works (HBPW). Deena was encouraged to join by Jim Van De Wege, Superintendent of the Holland Water Treatment Plant and indefatigable recruiter for the MI-Section, AWWA. She has taken that first big step after joining and signed up to be part of the Young Professionals task force. Deena has this to say about her new job and the benefits of AWWA membership, "I graduated from Lake Forest College in 2011 with a Bachelor of Arts in Environmental Studies and Minor in Art, and with this, have a great appreciation for the environment and



natural resources. Being new to AWWA, I look forward to learning more about the organization and the world's most important resource."

Please make Deena welcome when you see her at a future section event.



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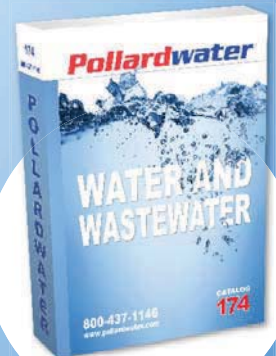


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