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84th Annual Conference
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Material may be submitted through the website at www.mi-water.org/page/wnn.

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SUMMER 2022



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WE WOULD LOVE TO HEAR YOUR STORIES!

Kelly Gleason, Editor

Welcome to the summer issue of *Michigan Water Works News*! The seasons have changed, and it is warm again!

We have added a new feature this issue and hope to have one each issue, let me know what you think. See page 50 for our 'All About AWWA' crossword puzzle (the answer key is on page 54). Good luck!

I would love to hear about what you have been up to in the water world. You can send pictures, stories and updates to kelly.gleason@lbwl.com with the subject line *Water Works News* or through MI-AWWA website at <https://www.mi-water.org/page/WWN>. 💧

Michigan Water Works News Publishing Schedule:

- **Fall 2022:**
Copy due to Editor 8/19/2022, published October.
- **Winter 2023:**
Copy due to Editor 11/11/2022, published January.



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HISTORIC INVESTMENTS IN OUR FUTURE

Aaron Uranga, Chair

This is my last message as the MI-AWWA Section Chair. As I write this, I find myself hearing daily how incredibly busy all my colleagues across Michigan currently are. I am also considering how and why this is different than the “normal” level of busy. Over the past two decades as a consulting engineer, I have been fortunate to work on many impactful water infrastructure projects. However, I have not seen a time as exciting as right now in terms of the depth and breadth of planned projects due to our great country’s recent decisions to invest in our future with historic levels of funding for infrastructure improvements.

As the State of Michigan gears up to spend literally billions of dollars on infrastructure funding over the next several years, it has been very easy for many of us to focus on the myriad challenges faced by these projects right now. There is much concern over how issues like supply chain disruptions, labor shortages, and escalating project costs due to inflation will all have negative impacts on these projects. However, focusing on the negative aspects when designing and building new projects misses the overwhelmingly positive climate for generational investment being made right now in our Nation’s infrastructure, and specifically to MI-AWWA, to the State of Michigan’s water infrastructure.

It is also easy as Michigan residents to focus on the inconvenient impacts of construction in our daily lives. Things like closed roads, confusing detours, and temporary water service disruptions can all be quite galling, but they are also all tangible signs that major improvements to benefit the future of our country are underway. The next time you are stuck

in construction traffic, take a minute to consider the benefit that these projects will eventually have not just to your generation, but to the next generation and the generation after that.

The generational spending phase that we are embarking on right now is bound to have hiccups, but wow what an exciting time it truly is. I believe that when historians look back on the five-year period of 2020-2025 in a few decades two things in the United States will stand out –

the COVID-19 pandemic (awful) and the massive amount of infrastructure projects that were planned and implemented (truly awesome).

As we all navigate this journey in our various roles as water professionals, I suggest everyone take notes for your children and grandchildren. It would be easy to just treat this like any other period in our careers, but this is actually a once in a lifetime moment and we all have a front row seat. 💧

“I HAVE NOT SEEN A TIME AS EXCITING AS RIGHT NOW IN TERMS OF THE DEPTH AND BREADTH OF PLANNED PROJECTS DUE TO OUR GREAT COUNTRY’S RECENT DECISIONS TO INVEST IN OUR FUTURE WITH HISTORIC LEVELS OF FUNDING FOR INFRASTRUCTURE IMPROVEMENTS.”



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MICHIGAN NOW THE 7TH LARGEST AWWA SECTION

Pat Staskiewicz, Director

For my last article as your Section Director, I would like to explain the Officer Transition Plan that was adopted by the Section Board in April 2022, as well as a few other important updates.

Last year, the nominating committee selected Christine Spitzley as the AWWA Director. Christine's term as AWWA Director will commence on Wednesday, June 15, 2022. Section 7.5.2 of the Michigan Section AWWA Bylaws states; *"Two or more offices may not be held by the same individual, with the exception of the offices of secretary and treasurer."* Since Christine is the current Secretary-Treasurer for the Section, she cannot continue to hold that position after June 15, 2022. The Secretary-Treasurer and Director are the two officers that are authorized to execute various financial transactions for the Section. While the transition for Christine will be easy, it will leave the Section with no redundancy for this critical function.

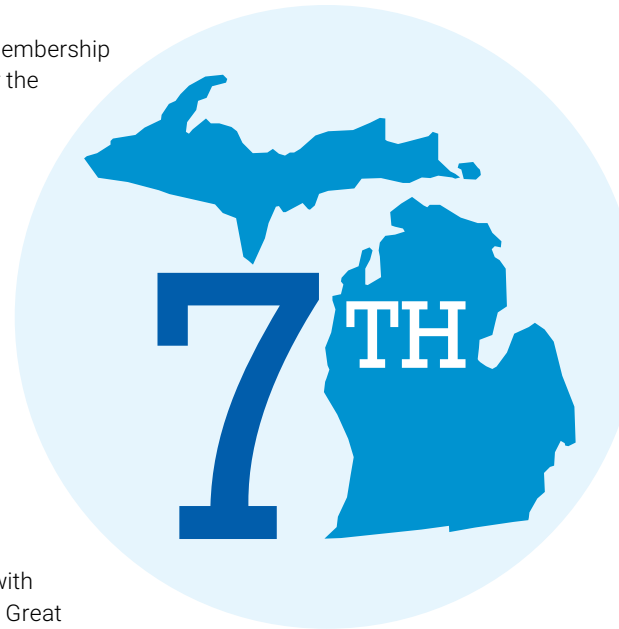
This year's nominating committee has selected Jaime Fleming as the Secretary-Treasurer. Jaime will not be officially elected to this position until the slate of candidates is considered by membership at the annual business meeting at MI-ACE, September 13-15, 2022. Therefore, the board appointed Jaime to the Secretary-Treasurer position early, so we continue to have redundancy in the Section operations. Jaime is the current Past Chair, so she resigned this position to avoid holding two offices at the same time. Since my term expires on June 15, 2022, and I have been a Past Chair and am currently serving on the Section Executive Committee, the Board appointed me to complete Jaime's remaining term as Past Chair. So, Christine, Jaime and I will all rotate positions in June and then I will be officially put out to pasture in September 2022.

I looked back at my first article and AWWA had 51,632 members at the end of 2018, with Michigan at 1,654 members, which placed us as the 11th largest Section. This has been our spot on the list for many, many years. Covid had a big impact on membership and our numbers dropped to a low of 48,378 members in July of 2021. The April 2022 membership report has AWWA at 49,576 members, which is good news and looks to be back on a trend of growth. I had to do a double take this month when I looked at the membership numbers for Michigan. We are currently at 1,979 members and are the 7th largest Section! And... Michigan beat Ohio, which is especially pleasing to our members who follow the Wolverines. We also leapfrogged the New England, New York, and Pennsylvania Sections. So how did this happen?

First, the Membership Council, under the leadership of Council Chair, Amy Vail, worked hard to retain our members. This was a difficult task during Covid, but they did a great job. Second, Cheryl Porter negotiated an enterprise membership with AWWA for the Great Lakes Water Authority. These new members from within the GLWA and their member communities are the reason we beat THE state of Ohio this year, so please help me to extend a warm welcome to all our new members!

The last news that I would like to share involves a prestigious award. Janice Skadsen has won the Outstanding Service to AWWA Award. The purpose of the award is to recognize and honor a member of the American Water Works Association who has demonstrated outstanding service to the Association through leadership and active participation in AWWA programs. I looked through the past recipients and George Warren Fuller won the first award and the only Michigan winners that I recognized were Donald Shine (1985) and Chuck VanderKolk (2015), which puts Janice in very esteemed company. The award will be given out at ACE '22 (San Antonio, Texas) on the morning of Monday, June 13 at 7:30 am and then will be acknowledged during the Opening General Session. Congratulations Janice!!

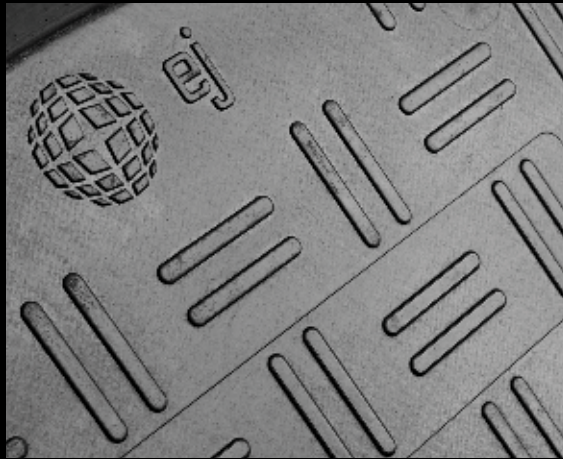
It seems fitting that my last remarks would be about recognition for Janice Skadsen, because if it were not for the encouragement from Janice and other past Directors, I would not have had the courage to run for Vice President. It has been a wonderful experience and I appreciate the opportunity to represent the best Section in AWWA. 💧





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MI-AWWA'S SOCIAL RESPONSIBILITY

Bonnifer Ballard, Executive director

When I first started with MI-AWWA, the Board had just created the council structure and there was a council called Technical Networking and Social Responsibility. The work of that council was absorbed into others. Yet, the concept remains valid. I remember, the term "social responsibility" brought to my mind an organization that understood and embraced its responsibility to the greater good of society. That touched me deeply and spoke to the heart of what I've built my career around as a nonprofit leader: mission-driven work for the betterment of society.

Some may think at first blush that all our members already have the greater good in mind since they work to provide clean, safe water to their customers. And that is vital work to be certain. Yet, social responsibility requires that we go further.

"THE TERM "SOCIAL RESPONSIBILITY" BROUGHT TO MY MIND AN ORGANIZATION THAT UNDERSTOOD AND EMBRACED ITS RESPONSIBILITY TO THE GREATER GOOD OF SOCIETY."

Social responsibility calls us to ask the tough questions, to allow all the voices to be heard, to try to solve even those problems that seem intractable. So how does social responsibility apply to MI-AWWA? Well, in the beginning, that

early council was a place for our Safe Water in Ecuador (SWIE) program. SWIE provides technical assistance and other services to indigenous communities in Ecuador so that they may have access to clean, safe water. Today, we are also practicing social responsibility through our water affordability work.

When the project first started last year, I know there were members that wondered why MI-AWWA was concerning itself with water affordability. Well, two reasons: 1) funding and financing were identified as strategic

issues in our strategic plan; and 2) customers' ability to pay directly affects a utility's ability to continue effective delivery of clean, safe water. As I learned more about the water affordability topic, it became clear to me that this was another aspect of our social responsibility.

MI-AWWA's mission is to improve lives through the effective management of water. I can't think of a more worthy way to demonstrate the fulfillment of that mission than to help our members find ways to build equitable access to water. 💧

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MI-ACE 2022



84th Annual Conference
September 13-16, 2022
Grand Traverse Resort | Traverse City, MI



Today's water professionals face more challenges than ever before, from supply chain issues to the labor shortage and wavering public trust to compliance. It's important to ensure you are getting the professional development you need.

Join us for MI-AWWA's 84th Annual Conference and Exhibits (MI-ACE 2022). This year's program offers you

the chance to hear how others are handling challenges, to learn new ideas, to share what you know, and to network with peers from across Michigan. With dozens of sessions to choose from and a full exhibit hall, MI-ACE 2022 is a must attend event.

We look forward to welcoming you to Traverse City in September!

Who should attend?

Directors, Managers, Superintendents, Supervisors, Engineers, or anyone with a career goal of being a leader in the water sector.

Attending will help you:

- Generate ideas for working more efficiently
- Create a strong and dynamic staff team
- Gain a better understanding of what's on the horizon for Michigan water professionals



Top 10 reasons to attend MI-ACE 2022

- 1.** Get inspired to innovate.
- 2.** Increase your motivation to up your game.
- 3.** Gain efficiencies in operations.
- 4.** Collaborate through interactive discussions.
- 5.** Hear about the latest trends.
- 6.** Learn new approaches to today's biggest challenges.
- 7.** Re-energize yourself and your team.
- 8.** Visit a variety of consultants, manufacturers, and other supplies all in one place.
- 9.** Earn continuing education credit and professional development hours.
- 10.** Build your professional network.





Schedule of Events

Tuesday, September 13, 2022

8:00 AM - 7:00 PM	Exhibitor Move-In and Booth Set-up
10:30 AM - 11:45 AM	Golf Outing Fundraiser Check In and Lunch
11:45 AM - 5:00 PM	Golf Outing Fundraiser*
11:30 AM - 4:00 PM	Wine Tour **
4:00 PM - 8:00 PM	MI ACE Conference Registration
6:15 PM - 7:30 PM	MI-AWWA Board of Trustees and Sponsor Dinner (by invitation)
7:30 PM - 9:00 PM	Exhibit Hall Dessert Reception

Wednesday, September 14, 2022

7:00 AM - 6:00 PM	MI ACE Conference Registration
7:00 AM - 8:30 AM	Eye Opener Coffee
7:15 AM - 8:00 AM	First Time Attendee Orientation
8:00 AM - 11:45 AM	1.0 General Session
10:00 AM - 10:15 AM	Refreshment Break
11:45 AM - 1:15 PM	Lunch with the Exhibitors
1:30 PM - 4:15 PM	Break Out Sessions – Tracks 2, 3, and 4
1:30 PM - 4:15 PM	5.0 Wed Track – Exhibit Floor Education
3:00 PM - 3:15 PM	Refreshment Break with Exhibitors
4:15 PM - 4:45 PM	6.0 Wednesday Afternoon General Session
4:45 PM - 6:00 PM	Happy Hour in the Exhibit Hall
6:15 PM - 10:00 PM	Booth Teardown and Exhibitor Move-out

Thursday, September 15, 2022

7:00 AM - 4:30 PM	MI ACE Conference Registration
7:00 AM - 8:30 AM	Eye Opener Coffee
8:00 AM - 8:30 AM	MI-AWWA Section Annual Business Meeting
8:30 AM - 10:00 AM	7.0 General Session
10:00 AM - 10:15 AM	Refreshment Break
10:15 AM - 11:45 AM	Break Out Sessions – Tracks 8, 9, and 10
11:45 AM - 1:15 PM	Fuller Awards Luncheon*
1:30 PM - 4:15 PM	Break Out Sessions – Tracks 11, 12, and 13
3:00 PM - 3:15 PM	Refreshment Break
4:15 PM - 4:45 PM	14.0 General Session
4:45 PM - 6:00 PM	Women in Water Reception*
6:00 PM - 9:00 PM	Networking Dinner and Entertainment*

Friday, September 16, 2022

7:00 AM - 10:00 AM	MI ACE Conference Information Desk
7:00 AM - 8:30 AM	Eye Opener Coffee
7:00 AM - 8:00 AM	Leadership Breakfast (by invitation)
8:00 AM - 11:45 PM	15.0 General Session
10:00 AM - 10:15 AM	Refreshment Break
11:45 AM - 12:00 PM	Closing Remarks and Drawings

* Separate registration required

** Ticketed event – Additional fees apply

[Schedule subject to change](#)



Featured Presentations

Ben Whiting

Ben Whiting started out as an entertainer and has performed at numerous conferences, award banquets, and private events across the United States. In 2016, he delivered his first TEDx talk and was hired by a leadership development firm shortly thereafter to deliver leadership training around the globe. Within two years, he moved from trainer to senior consultant at the firm. Whiting now runs his own consulting firm employing magic and entertainment as tools to teach and inspire organizations around the globe. Ben Whiting graduated from Wake Forest University with

a BA in Theatre, and received the Kauffman Foundation's fellowship in Entrepreneurship for co-founding MagicMouth Theatre, a company that combined magic and theatre while educating communities in both art forms. He currently resides in Traverse City, Michigan with his beautiful wife Erin and his very good dog Scooter. Ben is also a 2nd degree black belt in Tae Kwon Do, a member of American MENSA, still acts professionally (when he has the time), and is currently writing his 6th play, a new adaptation of William Shakespeare's The Tempest.

Steven Williams, PE

Steven Williams, PE, is a co-founder of the Williams & Works, a Grand Rapids-based engineering, planning and surveying firm. A graduate of Michigan Technological University and a licensed professional engineer, Steve is also an Emeritus Member of Michigan Tech's

Civil Engineering Department - Professional Advisory Committee. Steve currently supports the engineering community as an independent water and wastewater consultant, private equity investor, and Qualifications Based Selection (QBS) facilitator.

Jen Read, PhD

Jen Read directs the University of Michigan Water Center where she provides leadership for the Center's mission to foster and support collaborative research. Jen has over 20 years experience working in partnership with a variety of public and private sector stakeholders. She has held positions at a number of regional entities including the Great Lakes Commission, the Great Lakes Institute for Environmental Research at the University

of Windsor, Michigan Sea Grant and the Great Lakes Observing System. She also serves on a number of regional and national advisory groups related to water and coastal management. Increasingly Jen's work is with those communities that have been disproportionately affected by historic inequities to develop just, equitable and sustainable approaches that address community water priorities.



Schedule at a Glance

	Tuesday, September 13		Wednesday, September 14		
7:00 AM					
7:15 AM					
7:30 AM			First-Time Attendee Orientation Breakfast		
7:45 AM					
8:00 AM			Opening General Session		
8:15 AM					
8:30 AM					
8:45 AM					
9:00 AM					
9:15 AM					
9:30 AM					
9:45 AM					
10:00 AM			Break		
10:15 AM			Opening General Session cont.		
10:30 AM	Golf Outing Fundraiser				
10:45 AM					
11:00 AM					
11:15 AM					
11:30 AM					
11:45 AM		Wine Tour	Lunch with Exhibitors		
12:00 PM					
12:15 PM					
12:30 PM					
12:45 PM					
1:00 PM			Track 2	Track 3	Track 4
1:15 PM					
1:30 PM					
1:45 PM			Break		
2:00 PM			Track 2 cont.	Track 3 cont.	Track 4 cont.
2:15 PM					
2:30 PM			Wednesday Afternoon General Session		
2:45 PM					
3:00 PM			Happy Hour on Exhibit Floor		
3:15 PM					
3:30 PM					
3:45 PM					
4:00 PM					
4:15 PM			MI-AWWA Board of Trustees and Sponsor Dinner (by invitation)		
4:30 PM					
4:45 PM					
5:00 PM					
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5:30 PM			Opening Dessert Reception		
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				Thursday, September 15			Friday, September 16
							Leadership Breakfast (by invitation)
	MI-AWWA Annual Business Meeting						Closing General Session
	Thursday Morning General Session						
	Break						Break
	Thursday Morning General Session cont.						Closing General Session cont.
	Fuller Luncheon						Closing Remarks
Track 5 Exhibit Floor Education	Track 11	Track 12	Track 13				
	Break						
	Track 11 cont.	Track 12 cont.	Track 13 cont.				
	Thursday Afternoon General Session						
	Women on Water						
	Networking Dinner and Entertainment						

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Break
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Special Events and Networking

Golf Outing Fundraiser

Golfers will enjoy the Spruce Run Golf Course at the Grand Traverse Resort. Spruce Run began as a nine-hole Acme Public Golf Course and was expanded to 18 holes in the 1970s. The course was redesigned as a 6,741-yard par-72 course in 1979 by former University of Michigan Golf Coach William Newcomb and renamed The Resort Course. It was given the name Spruce Run in 1992 as a reflection of the numerous spruce and fir trees that line its fairways and greens. Spruce Run was then modified to a par-70 course. Spruce Run is fun to play while retaining some of the challenging elements for which it was renowned as host to the Michigan Open. The course winds among rolling hills that surround the Hotel and overlooks Grand Traverse Bay.

Practice on the driving range ahead of the shotgun start by playing the Water Drive, where you try to hit a ball into the kiddie pool for a chance to win one of three prizes. Mulligans are also available so you can have a couple of do-overs on the course and prizes are awarded for lowest score, highest score, longest drive, and closest to the pin. Get in on the fun and help us raise money for Safe Water in Ecuador and AWWA's Water Equation.

Separate registration required. Registration \$125

Available onsite only

- Water Drive 3 balls for \$5
- Mulligan 2 do-overs for \$5

Tuesday Tour

Enjoy Northern Michigan wine country by participating in wine tasting at a local winery.

Registration required: \$40

Sponsored by



First-Time Attendee Orientation and Breakfast

Those attending MI-ACE for the first time are invited to attend a breakfast before the Opening General Session. Leaders of MI-AWWA will help provide you some tips for how to get the most out of attending. This is a great opportunity to get acquainted with water professionals prior to sessions starting.

RSVP is required.

SWIE Chance Auction

Chance Auction items are displayed in the exhibit hall and have a basket placed near them. Place your ticket in the basket of the item you most want to win. Winners are drawn randomly from each basket for each item. There is no limit to the number of tickets you can place in any basket. The SWIE Chance Auction is open Wednesday, September 14 11:30 am – 6:00 pm. Tickets are only available Wednesday during the Chance Auction.

Tickets: 1 for \$5, 3 for \$10, and 10 for \$20.

The SWIE Committee is still seeking items for the Chance Auction. To donate an item, please send an email to info@mi-water.org.

Fuller Luncheon

A time-honored tradition, the Fuller Luncheon honors Michigan Water Utility Hall of Fame inductees, the Raymond J. Faust Awardees, and the George Warren Fuller Awardee. Enjoy lunch and celebrate the titans of Michigan's water sector. Faust and Fuller awardees are announced during the luncheon.

Registration required. \$35

Ticketed event.

Women on Water Networking

The WOW Networking event is an opportunity for women attending MI-ACE to share and support each other. Dr. Christal Eason will provide a brief presentation on empowerment.

Registration required. \$15

Ticketed event.

Thursday Networking Dinner and Entertainment

The last few years have taken their toll. Join us for an evening of networking, good food and some laughs. Comedian Dave Dyer will tickle your funny bone after dinner.

Registration required. \$45

Fundraising Beneficiaries

- SWIE – Safe Water in Ecuador (SWIE), a program of MI-AWWA, works to bring clean, safe drinking water to indigenous communities in Ecuador.
- Water Equation – The Water Equation, a program of AWWA, offers training scholarships and leadership development to young professionals.

Awards

Congratulations to this year's awardees!

Jaime Fleming, City of Wyoming Water Treatment Plant
Chuck Van Der Kolk Volunteer of the Year

Adam DeYoung, Moore & Bruggink Inc.
Young Professional of the Year

John Holland, Michigan Rural Water Association
Professional Excellence-Individual Award

Samarhia Giffel, Grand Rapids Water System
Professional Excellence-Individual Award

**Mike Kasanic, Office of the Oakland County
Water Resources Commissioner**
Professional Excellence-Individual Award

**Office of the Oakland County
Water Resources Commissioner**
Professional Excellence - Organization Award

The Operator Meritorious Service Award recipient and the inductees to the Michigan Water Utility Hall of Fame were not selected as of printing. All awardees may be found on the website.

Schedule of Recognition

Wed, Sep 14 at 8:00 AM
Silver Water Drop Award
Gold Water Drop Award
Life Member Status Award
EGLE Edward Dunbar Rich Award

Wed, Sep 14 at 10:00 AM
Professional Excellence Award Organization
Professional Excellence Award – Individual
Operator Meritorious Award

Thu, Sep 15 at 8:00 AM
Executive Director Award
Van der Kolk Volunteer of the Year
Young Professional of the Year

Thu, Sep 15, at the Fuller Luncheon
Michigan Water Utility Hall of Fame
Raymond J Faust Award
George Warren Fuller Award



Technical Program

WEDNESDAY GENERAL SESSION

8:00 AM

1.1 A National Perspective on Water

Heather Collins, Metropolitan Water District of Southern California

AWWA Vice President Heather Collins will provide remarks on the top issues facing water professionals across the country as well as the latest resources and innovations available from AWWA.

8:30 AM

1.2 Limitless Culture™

Ben Whiting

When people have a mindset that begins with imagining the impossible; when they feel connected and cared about; and when they can communicate effectively – there are no limits to what they can achieve. This will be a high-energy, high-amazement, and high-impact presentation that will leave you inspired. During this session, you will learn to shift your mindset to achieve goals. Whiting will demonstrate how showing empathy for employees can help motivate and build high-performing teams. He will include simple and direct strategies to increase productivity, reduce drama, and make sure people don't just hear but listen.

9:30 AM

1.3 How to Navigate Funding Using MI Water Navigator

Christine Spitzley, OHM Advisors, Inc.

The Michigan Municipal League Foundation (MML Foundation) has partnered with OHM Advisors, EPIC, and the Michigan Department of Energy, Great Lakes, and the Environment (EGLE) to increase access to water infrastructure funding. The goal is to ensure all Michigan communities have access to safe and reliable drinking water regardless of economic means. The MML Foundation has created the MI Water Navigator Program as the vehicle to accomplish this goal. The program is multifaceted, including a help desk for communities, research to understand barriers to funding, and ultimately building on the research to advocate for policy changes at the State level.

10:15 AM

1.4 Michigan LCRR Update

Brandon Onan, PE, EGLE

Update of the Federal LCRR progress and Michigan's requirements. General update from the state in terms of LCRR implementation.

10:45 AM

1.5 Building an Affordability Plan

Oakland County Water Resource Commissioner's Office

Christine Spitzley, OHM Advisors, Inc.

The Oakland County Water Resources Commissioner (WRC) office was awarded an EGLE affordability and planning grant in May 2021 to build an Affordability Plan for the City of Pontiac and the Charter Township of Royal Oak. The goal was to create a water affordability plan without compromising water quality and safety standards. The grant deliverables focused on the unique needs of both a large and small community. The WRC also created a scalable water affordability framework designed to assist water systems of all sizes across the state. The presentation will share project research, methods, successes, challenges, legal hurdles, policy analysis, communications, and plans for implementation.

TRACK 2 - WEDNESDAY AFTERNOON

1:30 PM

2.1 Plainfield Charter Township PFAS Response Update: Bringing Municipal Water to Nearly 1,000 Homes with Contaminated Wells

Kevin Gritters, PE, Prein&Newhof

Rick Solle, Plainfield Charter Township

In 2019, Plainfield Township presented improvements made at its treatment plant to address PFAS contamination in the source water. The next phase of Plainfield's response includes constructing 26 miles of new water main to serve nearly 1,000 homes whose private drinking water wells were affected by PFAS in the groundwater, plus continued WTP filtration improvements. Now three years into a 4-year construction plan, this presentation will explain the planning and implementation of this large water system expansion and address the operational and construction challenges.

2:00 PM

2.2 4 W's of Calibration (Back by popular demand!)

Kevin Mitchell, UIS SCADA

All water and wastewater facilities do calibrations. However, not all follow the same process. This presentation will cover what needs calibration, how often, the forces that drive facilities to calibrate, and how to make sure your calibrator is qualified. We will provide real examples of what happens when the facility ignores calibrations. It will also include a table showing a recommended calibration schedule for instruments typically found in a water and wastewater plant.

2:30 PM

2.3 City of Petoskey's Water System Update

Marty Flynn, City of Petoskey

Doug Urquhart, Hubble, Roth & Clark

The City of Petoskey has provided clean and reliable water for its community using groundwater production wells, three storage tanks, and PRVs. One unique component of the city's system is the ability to transfer water between the three main pressure districts at a booster station. This station allows the Petoskey to meet the varying seasonal demands in each pressure district using the various production wells.

3:15 PM

2.4 Detroit Water and Sewerage Department's Experience Using ML to Enhance Lead Service Line Inventory and Replacement

David Fielder, Detroit Water and Sewerage Department

The Detroit Water and Sewerage Department (DWSD) estimates more than 80,000 lead service lines deliver water to homes in Detroit. Michigan's Lead & Copper Rule, enacted in June 2019, requires water utilities/municipalities to replace all lead service lines within the next 20 years. DWSD seeks to prioritize affordability in decision-making. DWSD engineers will use the BlueConduit modeling data as another input when teams design water main replacement projects and predict the potential of a lead service line to exist. However, it won't be the only data used. Funding from the Rockefeller Foundation, the Kresge Foundation, and the Michigan Department of Environment, Great Lakes & Energy (EGLE) allows the City of Detroit to meet the January 2025 deadline of providing a Complete Distribution Systems Material Inventory to EGLE; as required for all Michigan cities and townships with lead service lines), and inform planning for Detroit's projected \$450 million lead service line replacement program.

3:45 PM

2.5 Renewing Lake Linton: Improving Water Quality of a Reliable Source for the City of Saginaw

*Alex Gerling, Hazen and Sawyer
Liz Crofton, Hazen and Sawyer*

Lake Linton, located in Saginaw, MI, has historically been an essential component of the City of Saginaw’s raw water supply. Recent water quality degradation has resulted in high levels of taste and odor, effectively eliminating Lake Linton for routine use as a water source for the city. Exacerbated by the Eurasian milfoil growth, the poorest water quality is contained in the area where the water enters the lake. Recommendations include routine water quality monitoring and short-term and long-term management strategies to improve water quality in Lake Linton. This presentation consists of the results from the evaluation, recommendations, and available preliminary results from the 2022 growing season.

TRACK 3 - WEDNESDAY AFTERNOON

1:30 PM

3.1 Testing for Lead in School and Child Care Facilities

Holly Gohlke, EGLE; Jeni Bolt, EGLE

The presentation provides information on the Michigan Department of Environment, Great Lakes, and Energy (EGLE) School Drinking Water Program (SDWP) and how EGLE partners with schools and child care facilities to test the water for lead and provide guidance on how to reduce the risk of lead in building drinking water. The presentation also describes the procedures for collecting 250 mL investigative samples, interpreting test results, and remediation options. The presentation provides suggestions on how a Community Water Supplier can create partnerships with schools and child cares to promote quality drinking water within a building for children’s health in their community.

2:00 PM

3.2 Preparation is Key! How a Major Utility Minimized the Impacts of a Transmission Main Break Through Planning and Preparation

Ashley Jacqmain, GLWA, Scott Jausch, HDR

The cost of a water main break can be significant to utility owner, both from a monetary standpoint and a customer confidence standpoint. Having a plan to quickly respond in the event of a failure, as GLWA did in October 2021, is imperative to reduce service outage time. This paper will highlight the implementation of the previously developed emergency response plan. It will provide a case study on real-time decision-making processes used in response to and the repair the October 2021 failure that occurred for GLWA.

2:30 PM

3.3 Replacement or Rehabilitation of 9’X12’ Cast Iron Sluice Gates

*Peter Fromm, Great Lakes Water Authority
Trevor Fournier, Great Lakes Water Authority*

Cast iron sluice gates have a long history of successful operation at water facilities throughout the USA. Many gates installed more than a century ago remain in good service with minimal or no maintenance. Gates will inevitably need to be replaced or rehabilitated to continue working.

3:15 PM

3.4 Get Your Ducks in a Row

Dawn Lund, Utility Financial Solutions, LLC

Utilities across the country are seeing a rise in rate challenges placing costly and timely defensive responses to current rates charged to customers. Michigan utilities, in particular, have had

recent rate scrutiny. This session will discuss ways to get your ducks in a row and tighten up policies and rate methodologies to help ensure equitable rate recovery from all customers to help avoid rate challenges. Cash reserve policies, capital plans, inside and outside City multipliers, allocation studies, and Payment in Lieu of Taxes (PILOTS) will be discussed, among other areas.

2:30 PM

3.5 Benton Harbor is Leveraging Partnership and Data to Accelerate Lead Service Line Replacement

*Jason Marquardt, PE, LEED AP, Abonmarche
Ian Robinson, BlueConduit*

The City of Benton Harbor has accelerated its lead service line replacement program in response to multiple action level exceedances. Uncertainty around the specific number and location of lead service lines is a challenge for efficient replacement. There are an estimated 2400 lead service lines in the city. Benton Harbor is working with multiple partners to address the aging infrastructure and remove lead service lines as quickly as possible. In this talk, attendees will learn how the city coordinates across different partners and manages data to meet the ambitious replacement goals.

TRACK 4 - WEDNESDAY AFTERNOON

1:30 PM

4.1 From 900 HP to 200 HP - Filter Backwash Elevated Towers

*Eric Kramp, Great Lakes Water Authority
Dan Seider, Great Lakes Water Authority*

As part of a larger capital improvement program at the Lake Huron Water Treatment Plant, the Great Lakes Water Authority plans to replace its existing direct pumping backwashing system with a new elevated water storage tank system for filter backwashing. The presentation will provide the audience with the basis for identifying, evaluating, and selecting the proposed improvement alternative that is leading GLWA towards the implementation of the elevated wash water supply system as part of their capital improvement program.

2:00 PM

4.2 Improving Revenue Collections for Utilities

Gary Sanders, Utility Information Pipeline

Utilities continually find themselves under pressure to control rate increases. One way to limit potential rate increases is to implement policies to improve collection rates and limit bad debt. In this session, participants will learn how policies and procedures at various stages of the customer cycle – application for service, billing, delinquent processing, and final bills – can impact collections. They will learn what policies and procedures other utilities have implemented to improve collection rates and reduce bad debt and write-offs. During the presentation, participants will complete two worksheets that illustrate points in the presentation and highlight how much their utility could potentially have to write off when accounts skip out after being cut off for non-payment.

3:15 PM

4.3 Using What You Have - Process Optimizations Improve DBP Control at the Saginaw WTP

Matt Charles, Hazen and Sawyer

High levels of total trihalomethanes (TTHMs) have posed a disinfectant and disinfection byproducts (D/DBPR) rule compliance challenge for the City of Saginaw and its wholesale customers. Bench tests conducted at the water treatment plant focused on reducing DBP formation while maintaining acceptable settled water turbidity by evaluating coagulation at reduced pH,

alternative powdered activated carbon (PAC) products, and the use of alternative coagulants. This presentation will cover the results of the bench testing activities and show how Saginaw can use existing infrastructure to reduce TTHMs with minimal impact to plant operations.

3:45 PM

4.4 Demystifying Digital Twins in the Water Sector

Chloe Walls, Arcadis

This presentation will demystify digital twins' definitions, introduce levels and types of digital twins, identify what problems digital twins solve, and explain how it impacts the current water workforce. AWWA's new Digital Twins Committee, formed in 2021, and the committee has prepared this presentation focused on sharing various utility perspectives on digital twins.

Exhibitors – to be considered for providing a presentation, please submit an abstract with your booth purchase.

TRACK 5 - WEDNESDAY AFTERNOON

1:30 PM

5.1 Exhibitor Led Instruction

2:00 PM

5.2 Exhibitor Led Instruction

2:30 PM

5.3 Exhibitor Led Instruction

3:15 PM

5.4 Exhibitor Led Instruction

TRACK 6 - WEDNESDAY AFTERNOON GENERAL SESSION

4:15 PM

6.1 Current and Future Impacts of Climate Change on Conventional Water Treatment Facilities

Tyler Meyer, City of Traverse City

The City of Traverse City's water treatment plant has experienced changes in source water characteristics over the past few decades, including pH, temperature, total organic carbon, and significant water level fluctuations that have impacted treatment processes. Many of these challenges will likely intensify with future climate change throughout the 21st century. These changes in source water quality have already impacted treatment techniques and may further alter operational strategies going forward. This presentation will review data trends from the most recent climate normal (1991 - 2020).

THURSDAY MORNING GENERAL SESSION

8:00 AM

7.1 Business Meeting, WAMC, Section Update and Awards

Aaron Uranga, MI-AWWA Board Chair

8:30 AM

7.2 Debunking Myths and Reducing Risks When Selecting Professional Service Providers

Steven Williams, PE, QBS Coalition

It's counterintuitive, but one of the most common project procurement practices can actually result in higher project costs. Additionally, professional liability insurance carriers report that

design projects selected using this popular method carry a higher risk than other forms of procurement. Join Steve Williams, P.E., as he shares the results from a brand-new national study comparing the project outcomes of common procurement practices.

Research shows that projects using one specific procurement process have 70% fewer cost overruns, shorter schedules, and improved construction quality. According to the study, owners who use a qualifications-based selection process - which includes evaluating professional service providers on the four most significant factors - go on to cultivate a team environment, with participants engaged in proactive problem-solving, focused on delivering the best project with the lowest life-cycle cost.

9:00 AM

7.3 Water System Consolidation: Pros, Cons, and Potential Solutions

Damon Garrett, PE, Metro Consulting Associates; Eric Oswald, EGLE; Rev. Edward Pinkney Pinkney, Benton Harbor Community Water Council; Clyde Edwards, City of Flint; Kalaya Thomas, Metro Consulting Associates

Water systems in small, rural, and underserved communities face capacity, financial, and operational challenges in providing safe and affordable drinking water. There's a push from state and federal levels to consolidate water systems into larger, regionalized utilities to help fix or prevent compliance shortcomings. Consolidation presents real advantages in terms of improved health and financial equity, but it may leave a gap in local representation and advocacy. The benefits of consolidation often outweigh the drawbacks, but each locale has a unique set of circumstances that make it hard to generalize. Our diverse group of panelists from varying stakeholder perspectives will discuss the pros, cons, and potential solutions for water system consolidation.

TRACK 8 - THURSDAY MORNING

10:15 AM

8.1 Guidance for Conducting Harvested Pipe Studies (Loops) under the LCR

David Cornwell, Ph.D., PE, BCEE, Cornwell Engineering Group, Inc.

Many utilities are considering or required to conduct pipe rig or loop studies for CCT. However, there is no guidance available on planning or conducting these studies. This WRF project is developing such guidance, including providing checklists, a cost tool, a statistical tool, and videos. The presentation is designed to inform utilities, consultants, and regulators on pipe rigs' proper design and operation.

10:45 AM

8.2 What Do Michiganders Know About Lead in Tap Water? Statewide research findings on attitudes, misconceptions and expectations of the Michigan public.

Chelsea Maupin, Gúd Marketing

The Michigan Statewide Drinking Water Advisory Council (SDWAC) and its partner Gúd Marketing will share the results of the 2022 research, including:

- Statewide and regional data on the general public's perception of their water quality as well as their knowledge and level of concern related to lead in drinking water.
- Expectations held by the public related to communications from their water provider.
- Guidance on messaging for communicating about lead topics (e.g., ALEs, mitigation measures, etc.).

TRACK 9 - THURSDAY MORNING

10:15 AM

9.1 Affordability - What's Next for MI-AWWA
Jaime Fleming, City of Wyoming

10:45 AM

9.2 Innovative Raw Water System Rehabilitation: BURT
Nick Hoffman, Great Lakes Water Authority
Shawn Drobny, Ballard Marine
Jayme Newbigging, Great Lakes Water Authority
 Develop and understand GLWA's large and complex raw water tunnel system. Provide project description and context to the alternative tunnel repairs and weighing impacts on water treatment operations. Development and design of BURT: Ballard Underwater Ring Transporter. Report on production efficiencies gained by using BURT.

TRACK 10 - THURSDAY MORNING

10:15 AM

10.1 Collaborative Pilot-Scale Evaluation of GAC and IX Medias for Removal of PFAS from Groundwater
Eli Townsend, Calgon Carbon Corporation
 Participants will learn what aspects of water quality will impact the performance of GAC and IX medias for PFAS removal. The proper methods for scaling a pilot study will be explained. Additionally the difference in absorbability of PFAS isomers will be discussed.

10:45 AM

10.2 What Unprecedented Federal and State Infrastructure Investment Means Now and in the Future
Wayne Hofmann, Wade Trim
 2022 marks the 50th anniversary of the Clean Water Act, which has generated a legacy of improved water quality in our rivers and lakes and healthier drinking water sources. It has also created significant fiscal challenges for many communities in removing hazardous materials from drinking water and meeting long-term pollution control obligations. The American Rescue Plan (ARPA) and Infrastructure Investment and Jobs (IIJA) Acts will increase federal investments in water and sewer systems to unprecedented levels over the next several years, providing potential economic relief to thousands of communities across the nation facing compliance challenges. These historic investments in water and sewer will create unprecedented opportunities – and challenges – for the engineering and construction industry, suppliers, and project owners. This presentation will provide historical context to these Federal investments, discuss how the industry should prepare, provide the latest updates from new and expanded programs, and outline these investments' short-term and long-term impacts.

TRACK 11 - THURSDAY AFTERNOON

1:30 PM

11.1 Implementing UV Disinfection at the City of Ann Arbor Water Treatment Plant
Steve Roberts, Jacobs Engineering Group
 The presentation will describe the treatment alternatives the City of Ann Arbor MI water treatment plant evaluated for achieving regulatory compliance across a range of operating conditions, how and why UV disinfection was selected, the implementation details, and operational considerations. This presentation will provide valuable information to water system managers,

consultants, regulators, and equipment suppliers regarding what factors to consider when planning for changes in pathogen protection at water treatment facilities.

2:00 PM

11.2 Prepping for the Worst to Respond with Your Best
Wayne Jernberg, City of Grand Rapids
Allison Farole, City of Grand Rapids
 The City of Grand Rapids routinely practices emergency exercises across all departments to ensure staff is prepared for the worst. In 2022, the City of Grand Rapids developed an exercise centered around a wide-scale natural disaster that included a significant and extended water outage. This presentation will consist of best-practice instructions for your utility to prepare and develop tabletop and field exercises. There will also be a review of the 2022 Grand Rapids exercise and how we assessed our performance in our response, including using the hot wash to identify additional training opportunities for staff and the city.

2:30 PM

11.3 How to Handle Crisis Communications in The Instant Information Age: Lessons Learned from the Texas Freeze
Mike McGill, WaterPIO
Tyler Wittkofsky, WaterPIO
 Spinning out the 2021 Texas Freeze, the talk will show attendees how to properly inform the press, the public, and elected officials – and combat misinformation – during a multi-day emergency. It will highlight how utilities can build trust ahead of the next crisis by detailing the lessons they have learned. WaterPIO conducted the After Action Review for the utility at the heart of the crisis and found tremendous performance and improvement areas that can serve as helpful guidance for water and wastewater utilities nationwide.

3:15 PM

11.4 Water Plant Strategic Planning and Implementation in St. Joseph MI
Tony Meyers, Jacobs Engineering
 St. Joseph embarked on a strategic planning exercise in 2014 for its water treatment plant. This was followed by full-scale plant testing and a \$13 million plant improvement project to complete phase 1 of the strategic plan. The complete strategic plan improvements will result in additional treatment capacity in less space, leaving room on the existing plant site for future improvements as capacity or water quality requires. This presentation will summarize the planning, testing, and construction of the phase 1 plant improvements.

3:45 PM

11.5 Go Blue! Assessment of the City of Ann Arbor's Raw Water Transmission Mains
Susan Donnally, HDR
 The City of Ann Arbor, which maintain more than 400 miles of water mains and provide water to the University of Michigan system, experienced a catastrophic main break on one of its two raw water mains in November 2017. This presentation will focus on the city's development and implementation of a proactive management strategy for their critical transmission mains to minimize additional service disruptions. This management strategy includes condition assessment of both their CIP/DIP and PCCP raw water mains, using both external and internal techniques, and structural evaluations used to determine if the mains require renewal. A discussion of the assessment techniques and technologies used will follow this presentation.

TRACK 12 - THURSDAY AFTERNOON

1:30 PM

12.1 A Step by Step Guide to Creating a Water Loss Management Program
Mark Beatty, Utility Technologies LLC

This program will go step by step through creating a formal water loss program or plan. It will cover planning, budgeting, and implementation. Available technologies, techniques, software, and equipment will be discussed to be used or available in the program. There will be steps for monitoring and preventing future leaks. The presentation will include examples, demos, and water loss management case studies.

2:30 PM

12.2 Strong Towns' Approach for Water Systems
Adam DeYoung, Moore & Bruggink Inc.

This session will cover a variety of topics centering around the following items. An overview of the organization Strong Towns. A discussion on how the development pattern of the last 70 years has drastically disrupted our cities and towns. An explanation of how many municipalities may be feeling the weight of a growth Ponzi Scheme. A recommendation on how cities can generate prosperity starting with their water systems.

3:15 PM

12.3 Long-Term Planning for Utility Managers to Mitigate the Impact of Fluctuating Capital Costs
Michael Borchers, Arcadis; Matt Eberhardt, Arcadis

Participants will understand current market conditions related to fluctuating capital design and construction costs. These conditions make planning and budgeting difficult to perform and disrupt utility financials, customer rates, and charges. Utilities can mitigate these challenging conditions by employing effective planning techniques. This includes long-term financial planning, scenario planning, and project prioritization. Participants will learn how these techniques can help provide financial stability in a challenging capital pricing environment.

3:45 PM

12.4 Safe Water In Ecuador - Project Updates
Jess Howard, Progressive AE;
Mark DeHaan, Life Giving Water and CODINSE

Discuss SWIE's current water projects and partnership updates in Ecuador. Learn of the difficulties of projects continuing post-pandemic and governmental changes and how SWIE is navigating the challenges the rural communities face to advance their drinking water systems to be chlorinated and beyond.

TRACK 13 - THURSDAY AFTERNOON

1:30 PM

13.1 Strengthening Community Impact | SDWAC Communications Toolkit
Brooke Geiber, MA, GÜD Marketing
Keith McCormack, Statewide Drinking Water Advisory Council (SDWAC)

GÜD Marketing and the Statewide Drinking Water Advisory Council (SDWAC) have created a communications toolkit to assist with increasing public awareness and knowledge about the hazards of lead in drinking water, and actions individuals can take to reduce exposure. The toolkit was created based on initial feedback from the public and an assessment of current communication materials from organizations such as University of Michigan, Michigan Department of Environment, Great Lakes, and Energy

(EGLE), Michigan Department of Health and Human Services (MDHHS) and several others.

2:30 PM

13.2 Designing a Representative Comprehensive Corrosion Control Study for a Complex System
Vittoria Hogue, Great Lakes Water Authority
Gwen Kubacki, Great Lakes Water Authority

GLWA is conducting a study to ensure corrosion control treatment is optimized and in compliance with recent state and federal regulatory changes. The study consists of placing pipe loop rigs throughout GLWA's distribution system that will test several treatment strategies on harvested and constructed materials. Testing conditions are based on historical water quality analysis and pipe scale analysis. This presentation will discuss the study development and preliminary conditioning data to assist other utilities in adapting their corrosion control treatment to meet updated regulations.

3:15 PM

13.3 Implementing the AWWA Hazen-Adams CyanoTOX Modeling Tool for Assessing Cyanotoxin Vulnerability
Erik Rosenfeldt, Hazen and Sawyer

The presentation will provide an opportunity for utilities in Michigan faced with algae-related water quality challenges to learn how to work through developing holistic algae management and response plans. Readily available tools, such as the AWWA Hazen-Adams CyanoTOX tool, rely heavily on these approaches for understanding treatment vulnerability and optimizing planning for T&O and toxin treatment. The presentation will effectively describe how to use CyanoTOX in these evaluations and present a series of case studies describing effective algal metabolite management and treatment plans.

3:45 PM

13.4 Proactively Stress-Testing Treatment Facilities for Harmful Algal Bloom (HAB) Readiness
Nichole Sajdak, Great Lakes Water Authority

Although harmful algal blooms are not an immediate threat to the GLWA system, this presentation walks through our desktop analysis using AWWA's CyanoTox modeling system. This exercise helped us understand the robustness of our existing treatment train and evaluate readiness should a bloom occur near an intake.

THURSDAY AFTERNOON GENERAL SESSION

3:45 PM

14.1 How to Publicly Communicate the Revised Lead & Copper Rule's School and Childcare Facility Testing and Reporting Requirements
Mike McGill, WaterPIO; Tyler Wittkofsky, WaterPIO
Eboni Green, WaterPIO

The Lead and Copper Rule's non-secondary school and childcare facility testing requirement sets up utilities, their school systems, and health departments for multiple public communication nightmares. This presentation will show attendees how to proactively prepare and communicate about the testing and get ready for any discoveries that could be made.

FRIDAY MORNING GENERAL SESSION

8:00 AM

15.1 GLWA Increases System Resiliency by Strengthening Relationships
Cheryl Porter, Great Lakes Water Authority

GLWA and its member partners collaborate across city, county, and district boundaries to ensure continued regional public health and

safety protection. We build upon our shared goal of rehabilitating and improving the water infrastructure throughout Southeast Michigan by proactively identifying areas of opportunity to work together to exercise our relationships in a non-stressful environment. This presentation looks at two active projects that illustrate our approach.

8:30 AM

15.2 Operator Training and Certification Program

Koren Carpenter, EGLE

Give updates to operators on the Operator Training and Certification Program in the Department of Environment, Great Lakes, and Energy (EGLE). Provide details on how to get certified, and renew your certificate. From submission until the certification test, we will explain the application process from submission until the certification test – update operators on upcoming changes/improvements to the program. Operator/water professionals can ask questions at the end of the presentation.

9:00 AM

15.3 Michigan Statewide Affordability Assessment

Jennifer Read, UM Water Center

Elin Betanzo, Safe Water Engineering, LLC

Water infrastructure is essential for meeting and managing basic human needs at the household (survival) and community (public health) levels, and both require access to safe and sustainable water supplies. This presentation will discuss the 2020 Michigan Statewide Affordability Assessment that examines the current state of affordability of water services (drinking water, wastewater, and stormwater) across Michigan. This presentation will cover quantitative analyses drawn from public source data and complement by perspectives, insights, and personal experiences with water rates, bills, and utility management, gleaned from conversations with frontline community groups, water utilities, and state agency personnel. This important contextual information is incorporated into key considerations for policymakers developing solutions to the identified challenges and will be presented as next steps for addressing the water affordability challenge.

9:30 AM

15.4 Legislative Update

Mike Compagnoni, Midwest Strategy Group

This discussion focuses on the ongoing and future state legislative and regulatory issues of MI-AWWA members, including changes to the state's SRF program, state appropriations, and other items of interest.

10:15 AM

15.5 Shift PFAS Contamination Costs to Polluter

Ashley Campbell, SL Environmental Law Group

Harmful contamination from PFAS in water supplies presents an urgent health and environmental concern for communities in Michigan and across the nation. More aggressive EPA policies for dealing with PFAS will help safeguard public health, protect the environment and hold polluters accountable. However, they also will hold water suppliers to a higher standard, which could require costly action. This presentation will discuss how impending regulations will impact water suppliers in Michigan and outline legal strategies that have proven successful in shifting costs to pollutant manufacturers.

10:45 AM

15.6 A Look at Supply Chain Issues

Moderated by Bonniifer Ballard, MI-AWWA

Lead times are expanding. Prices are rising. Hear the latest on the supply chain issues facing the water sector in Michigan and how some leaders are managing the situation.

11:15 AM

15.7 EGLE Update

Eric Oswald, EGLE-DWEHD

Update on priorities and activities at EGLE Drinking Water and Environmental Health Division.

11:45 AM

Closing Remarks and Raffle (Must be present to win)

The program is subject to change.

OFFICIAL MEMBER COMMUNICATION

The Annual Business Meeting of Members will take place on Thursday, September 15, 2022 at 8:00 am

Grand Traverse Resort and Spa
100 Grand Traverse Village Blvd, Acme, MI 49610

All members in good standing are encouraged to attend. You do not need to be registered for MI-ACE to attend the Annual Business Meeting. To get a pass to attend the meeting, please contact staff at info@mi-water.org or 517-292-2912.

2022 Annual Business Meeting Agenda

- Chair's Report
- 2022-2023 Nominations
 - Chair-Elect** – Gary Wozniak, Lansing Board of Water and Light
 - Secretary/Treasurer** – Jaime Fleming, City of Wyoming
 - Trustee 2022-2025** – Angie Goodman, Lansing Board of Water and Light
 - Trustee 2022-2025** – Doug Scott, Rowe Professional Services
- Conference Update
- Membership Update
- Treasurer's Report
- Adjourn

General Information

Full conference attendees will receive access to all general and technical sessions, all refreshment breaks, Tuesday night Opening Dessert Reception, Exhibit access during exhibit hours, Wednesday Lunch with the Exhibitors, and Wednesday evening Happy Hour with the Exhibitors. One-day conference attendees will receive access to all general and/or technical sessions and refreshment breaks on the day for which they register. Wednesday attendees will also have access to the Exhibits, Wednesday Lunch with the Exhibitors, and the Wednesday evening Happy Hour with the Exhibitors. Small system operators (serving a population of fewer than 3,300), student members, and retired members are eligible for discounted rates. Log in to your membership account to receive the discounted rate at www.mi-water.org. Speakers and panelists are eligible for a discounted registration as a token of our appreciation for contributing their expertise to MI-ACE. Young Professionals (under 35 years old or have been in the industry for five years or less) who have never attended the Michigan Section's Annual Conference and Exhibits are eligible to have their conference registration fee waived. Please contact MI-AWWA by email at info@mi-water.org. Spouse and significant other attendance is required. Exhibitor booth registration includes exhibit area access as well as access to all general and technical sessions for one exhibitor. This includes set-up, exhibit hours, and tear-down. Access also includes all refreshment breaks. A complete Exhibitor Prospectus is available online at www.mi-water.org/?page=miace. See the registration form for registration rates.

Cancellation

Complete Substitution: If you are not able to attend, substitutes are permitted. Please email the substitution request to info@mi-water.org. Rates are based on membership status, so additional fees may apply. If you do not have a substitute for your complete registration, we suggest that you convert your registration to virtual and enjoy the simulcast and on-demand aspects of the conference.

If you must cancel, please notify MI-AWWA by email to info@mi-water.org.

1. If cancelled by 4:00 PM on August 10, 2022, you will receive a full refund less a \$35 processing fee.
2. If cancelled after 4:00 PM August 10, 2022, but before 4:00 PM August 31, 2022, you will receive 50% of the registration fee paid. There is no refund for purchased meals or special activities.
3. If cancelled after 4:00 PM on August 31, 2022, or if you are a conference no-show, there will be no refund.

Continuing Education Credit

Continuing education credit approval is pending. When approved, attendees will be able to earn up to 2.2 CECs.

Event	Category	CECs	PDHs
Conference Sessions	Technical	2.2	22
Conference Sessions	Managerial	0.7	7.5
Exhibitor Presentations	Technical	0.2	2
Exhibit Hall	Other	0.2	2

Ticketed Events

Ticketed events include the Tuesday Tour, the Fuller Luncheon, the Women on Water networking event, and the Thursday Networking Dinner. Only a limited number of tickets are available onsite. You are encouraged to sign up for ticketed events when you register for the conference. The Annual Golf Outing Fundraiser is an independent event that requires separate registration.

Lodging Information

The Grand Traverse Resort and Spa is the official hotel for MI-ACE 2022. Reserve your room either online or by calling 1-800-968-7352 and mention the group code, MIAWWA22.

Reservations must be received by August 15, 2022.

Discounted rates are based on availability. Rates are available until the cutoff date, or until the block fills, whichever comes first. Please make your reservations early.

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

Health and Safety

MI-AWWA continues to monitor the COVID-19 pandemic and is following federal, state, and local guidelines. We ask participants to self-monitor for symptoms and exposure. If you are exhibiting symptoms or have known exposure, please do not attend. We are happy to convert your registration to the virtual option. For everyone's comfort, masks will be available for those who want to wear one.

Registration Form

First Name _____ Last Name _____

First Name for your Name Badge _____ Organization _____

Address _____

City _____ State _____ Zip _____

Phone _____ Email Address _____

I plan to participate In Person Online Are you a first-time attendee? Yes No

Please select all that apply

Yes - Drinking Water CECs (Include your DW Op ID) Yes - Wastewater CECs (If available. Include your your WW Op ID)

Yes - PDH No - I do not need CECS or PDH

Op ID _____

Would you like to be involved with a MI-AWWA Committee? Yes No Already Involved

I want to receive exhibit or sponsoring company materials via email Yes No

ADA/Diet Requests _____

Emergency Contact _____ Emergency Contact Phone _____

Safety and Health

Attendance at or participation in any MI-AWWA event is subject to the release below, and compliance with MI-AWWA's and the event facilities' procedures to implement current local, state, and federal health and safety guidelines.

I hereby RELEASE, WAIVE, DISCHARGE, INDEMNIFY, HOLD HARMLESS AND COVENANT NOT TO SUE the MI-AWWA, its directors, officers, employees, volunteers, and agents from and against any and all liability to the undersigned and all personal representatives, assigns, heirs, and next of kin of the undersigned for any loss or damage, and any claim or demand on account of any property damage or any injury to, or any illness or death of, the undersigned, including without limitation, as a result of exposure to or infection with COVID-19, whether caused by the negligence, active or passive, of the MI-AWWA or otherwise while the undersigned is participating in this MI-AWWA hosted event. Initials _____

Consent for Use of Images

Attendance at, or participation in MI-AWWA Trainings, Conferences, Social Events and other Section activities constitutes consent by the registrant to permit American Water Works Association – Michigan Section to use and distribute both now and in the future the attendee's image and/or voice in photographs, videos, and audiotapes in print or electronically of such events and activities for any purpose consistent with the mission of the Section without limit or liability.

Cancellation Policy can be found online at <http://www.mi-water.org/page/PolicyRegCanx>

Ticket Type	Non-Member Fee before Aug 24	Member fee before Aug 24	Cost
Attendee			
<input type="checkbox"/> Full Conference	\$490	\$400	
One Day			
<input type="checkbox"/> Wed <input type="checkbox"/> Thu	\$330	\$280	
<input type="checkbox"/> Fri	\$160	\$135	
Small System Operator	\$410	\$320	
Retiree	N/A	\$280	
Exhibitor	\$750	\$650	
Speaker/Moderator			
<input type="checkbox"/> Full	\$330	\$280	
One Day			
<input type="checkbox"/> Wed <input type="checkbox"/> Thu <input type="checkbox"/> Fri	\$0	\$0	
MI-ACE Sponsorship			
<input type="checkbox"/> Platinum	\$5,000		
<input type="checkbox"/> Gold	\$3,000		
<input type="checkbox"/> Silver	\$2,000		
<input type="checkbox"/> Bronze	\$1,000		
Tuesday Wine Tour	\$40		
Tuesday Evening Dessert Reception	<input type="checkbox"/> I plan to attend		Included
Wednesday Happy Hour on the Exhibit Floor	<input type="checkbox"/> I plan to attend		Included
MI-AWWA Annual Business Meeting	<input type="checkbox"/> I plan to attend		Included
George W. Fuller Luncheon	\$35		
Women on Water Event	\$15		
Thursday Evening Networking Dinner and Entertainment	\$45		
Total			

Please send registration form and check to: MI-AWWA | Dept 6091 | PO Box 30516 | Lansing, MI 48909

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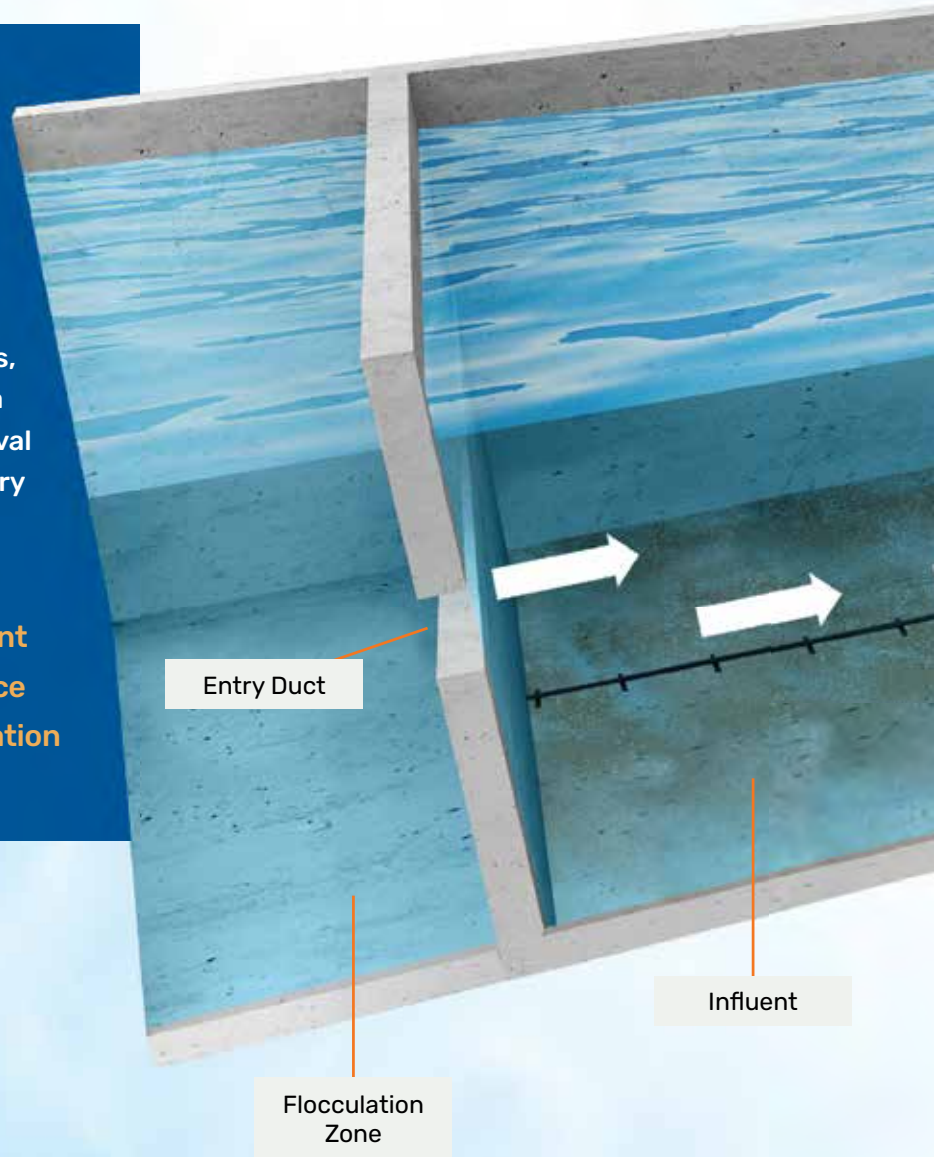
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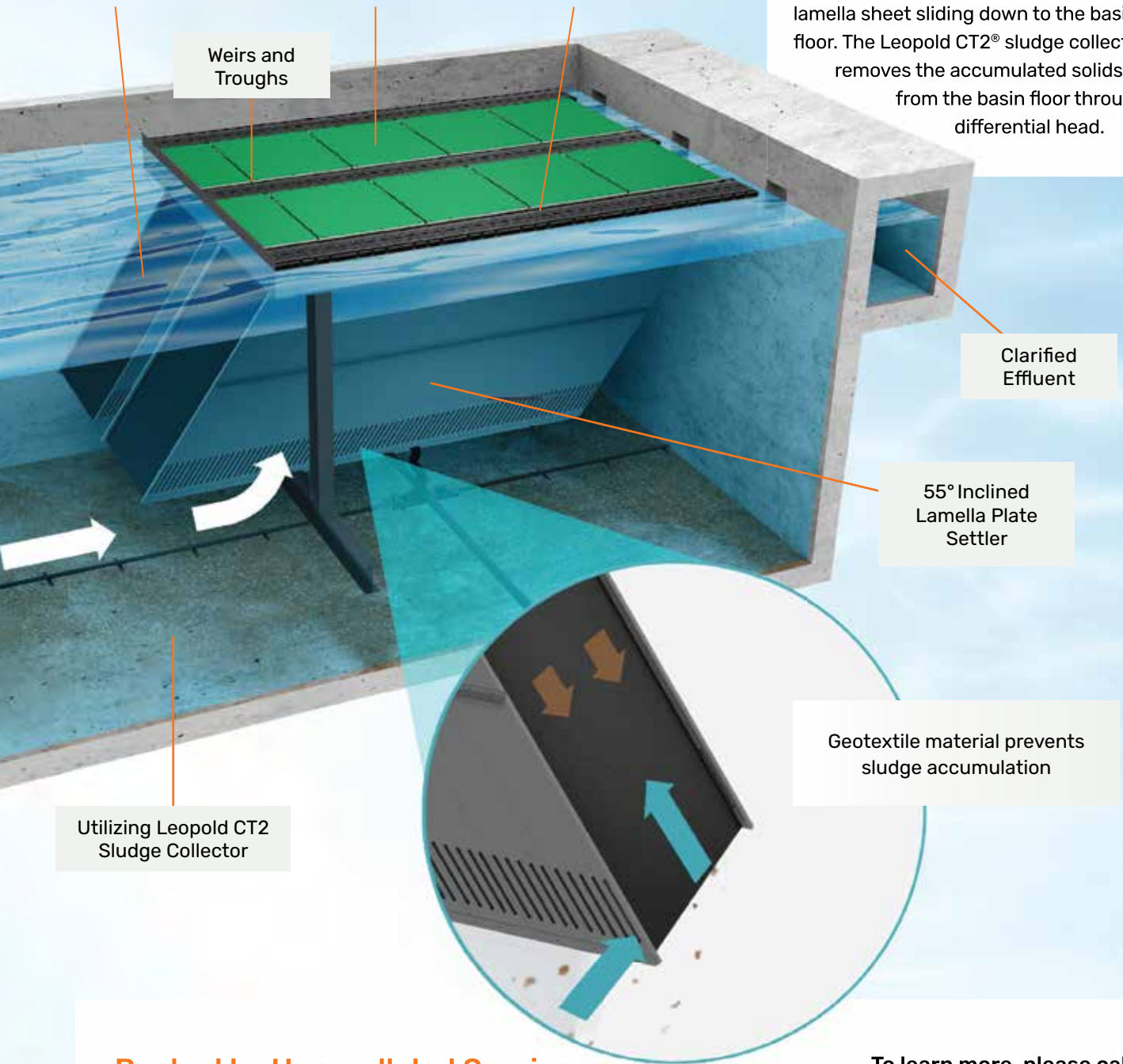


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Midwest Night



June 12,
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at ACE22

Thanks to all who came to Midwest Night, the reception held by Michigan, Ohio, Indiana, and Illinois Sections. It was the first time the four Sections teamed up to host a reception and from all signs, a good time was had by all.



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Michigan Section



MI WATER NAVIGATOR

WATER INFRASTRUCTURE HELPDESK

By Grace Carey, MML Foundation and Christine Spitzley, OHM Advisors

Michigan has an estimated \$800 million annual gap in needed investments in drinking water and wastewater infrastructure. While funding to help meet part of this gap is increasing from federal COVID-19 relief programs and state coffers, many municipalities need assistance accessing these funds due to a variety of factors, especially lack of staff capacity. The Michigan Municipal League Foundation (MML Foundation) is committed to providing that additional assistance.

The MML Foundation is dedicated to serving Michigan's communities through innovative programs, connecting ideas and people, providing tools and resources, and inspiring positive change in Michigan communities. The MML Foundation created MI Water Navigator to address barriers to accessing capital for infrastructure improvements and the capacity shortages that many of our Michigan communities face.

MI Water Navigator provides free technical assistance and resources to communities statewide applying for state and federal water infrastructure

funding. In March, we launched Phase I of the MI Water Navigator which revolves around a "customer service" like Helpdesk managed by water infrastructure experts from OHM Advisors. The Helpdesk is a platform where public and private water systems can contact the Helpdesk team for assistance navigating and applying for state and federal funding for water infrastructure projects. The Helpdesk process starts at miwaternavigator.org where communities can submit an inquiry that begins their funding application journey. Currently, the Helpdesk assistance is focused on drinking water infrastructure funding, however, we are working to expand the program to include stormwater and wastewater assistance in the coming year.

Once a community submits an inquiry through the MI Water Navigator website, a member from the Helpdesk team reaches out to begin a conversation with the community. From there the process continues along the following three steps; 1) assess: through an initial phone call and follow-up intake form, the Helpdesk team works with the community to assess their assets and

needs; 2) identify: the Helpdesk team identifies applicable funding sources and advises a best course of action; 3) apply: depending on the status of the community (disadvantaged or not) the Helpdesk provides a community with the resources needed to apply for the advised funding sources or begins working with the community to fill out the application. During the initial intake, the Helpdesk team will determine whether or not a community qualifies as disadvantaged or distressed. If a community qualifies, the Helpdesk team is prepared to help them from start to finish with appropriate funding applications on a first come first serve basis.

In the coming months we are planning to launch Phase II of the MI Water Navigator which will introduce a series of downloadable toolkits that walkthrough common applications, a webinar series, and a resource library. These resources will be housed on the MI Water Navigator website and like the technical assistance will be free of charge.

You can learn more about MI Water Navigator at miwaternavigator.org or at MI ACE 2022 in September. 💧

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Above the Bridge

UP Spring Water Conference Recap

The Upper Peninsula held its spring conference in April. More than 100 water professionals from across the UP and northeast Wisconsin showed up for professional development and visiting with vendors. A handful of folks participated online as well.

Speakers covered a variety of topics over the day and a half conference. Attendees were happy to be back in person without restrictions, engaging speakers with questions and visiting with vendors during breaks.

Five communities competed in the Water Taste Off to see who could claim bragging rights of Best Tasting Water in the UP. The honor went to Bates Township.

Thank you to all the speakers for great presentations. 💧



Thank you to the companies who sponsored the social hour.

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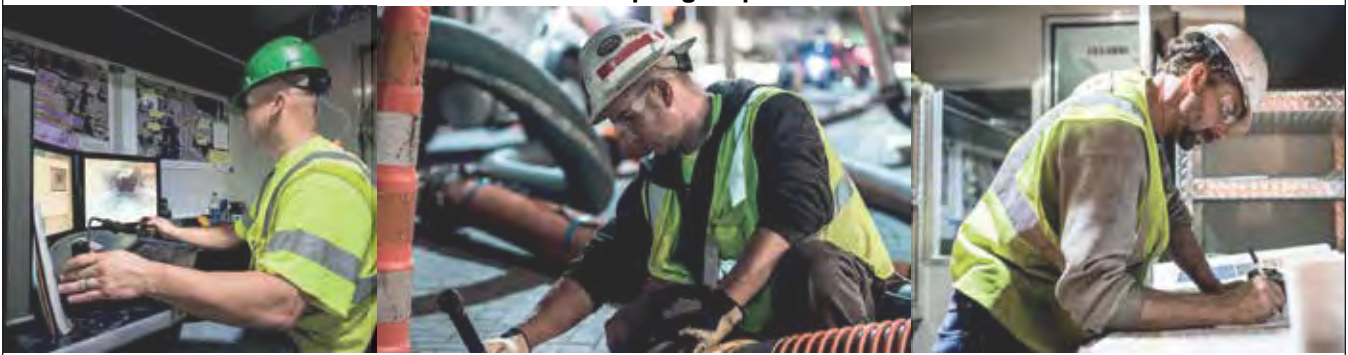
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WHAT EVERY OPERATOR MUST KNOW

By Joel Martinez


This section of Water Works News is usually reserved for useful information about putting new mains into service or dealing with contractors in the workplace. This edition of “What every operator must know” is a little broader in scope.

We have been seeing in trade magazines for years that water treatment field was eventually going to face a shortage of workers. It is quickly becoming clear that the shortage is finally here. Throughout our industry people are retiring at a rapid pace. All of a sudden, the regulatory personnel you relied on for system advice, the vendor in your local supply shop that you have trusted for years, and operators and managers in your own water system are leaving the work force.

While this will be a little scary at first, it provides an opportunity for growth and advancement for all of us who will still be here moving forward. Having skilled and educated operators is what will get us through these next few years of change. Learn from those that are leaving the field while we still have them. Gaining some of the institutional knowledge they possess is one of the best educations an operator can receive. It is also important that we are learning in the classroom as well. Continue your schooling, attend regional and annual meetings, and volunteer for committees. The Michigan Section of AWWA has members that represent all water related careers. Attending events and classes through the section provides a collaborative environment that is perfect for networking and sharing knowledge.

So, what every operator must know, is that now is the time to take that math or chemistry class you have been putting off. Apply for that license exam you have been worried to take. Give yourself all the tools possible to make this transition in an extremely important and valuable line of work as smooth as possible. 💧

“HAVING SKILLED AND EDUCATED OPERATORS IS WHAT WILL GET US THROUGH THESE NEXT FEW YEARS OF CHANGE. LEARN FROM THOSE THAT ARE LEAVING THE FIELD WHILE WE STILL HAVE THEM.”



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WATER AFFORDABILITY: WHAT'S NEXT

MI-AWWA held a series of webinars and member discussions that culminated in a Michigan Water Affordability Summit in May. Dr. Chi Ho Ming, then AWWA Board President, provided highlights on water affordability from a national perspective. Kelsey Cooke from Oakland County Water Resources Commission

and Mike Compagnoni from MI-AWWA's lobbying firm Midwest Strategy Group provided legal and statutory context. And project leads Jaime Fleming from the City of Wyoming and Mark Coleman, recently retired from Wade Trim, worked with facilitator Jan Urban-Lurain of Spectra Data & Research to help

attendees find concrete paths forward.

One of the unique aspects of this work so far is that we engaged with unlikely partners. National Resources Defense Council has often been on the opposite side of issues MI-AWWA is advocating for. Yet, with this project, NRDC offered an important voice and message.



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Key take-aways from the Summit include:

1. Affordability is not the same as assistance.
2. Engage the unengaged.
3. MI-AWWA must advocate for legislative support.

So what comes next? The project is being summarized and will be published in a primer later this fall. In the meantime, Fleming is working with a small task force on the next phase. Water Affordability is one of those seemingly intractable issues. But with many partners and many voices, including yours, MI-AWWA will hopefully be able to affect change. 💧

FALL REGIONAL MEETINGS

Even though it's approaching the dog days of summer, registration is open for Fall Regional Meetings. Check out the agenda's online for the location nearest you and take a few minutes to register. 

-  Livonia
-  Kalamazoo
-  Mt Pleasant
-  Gaylord
-  Harris



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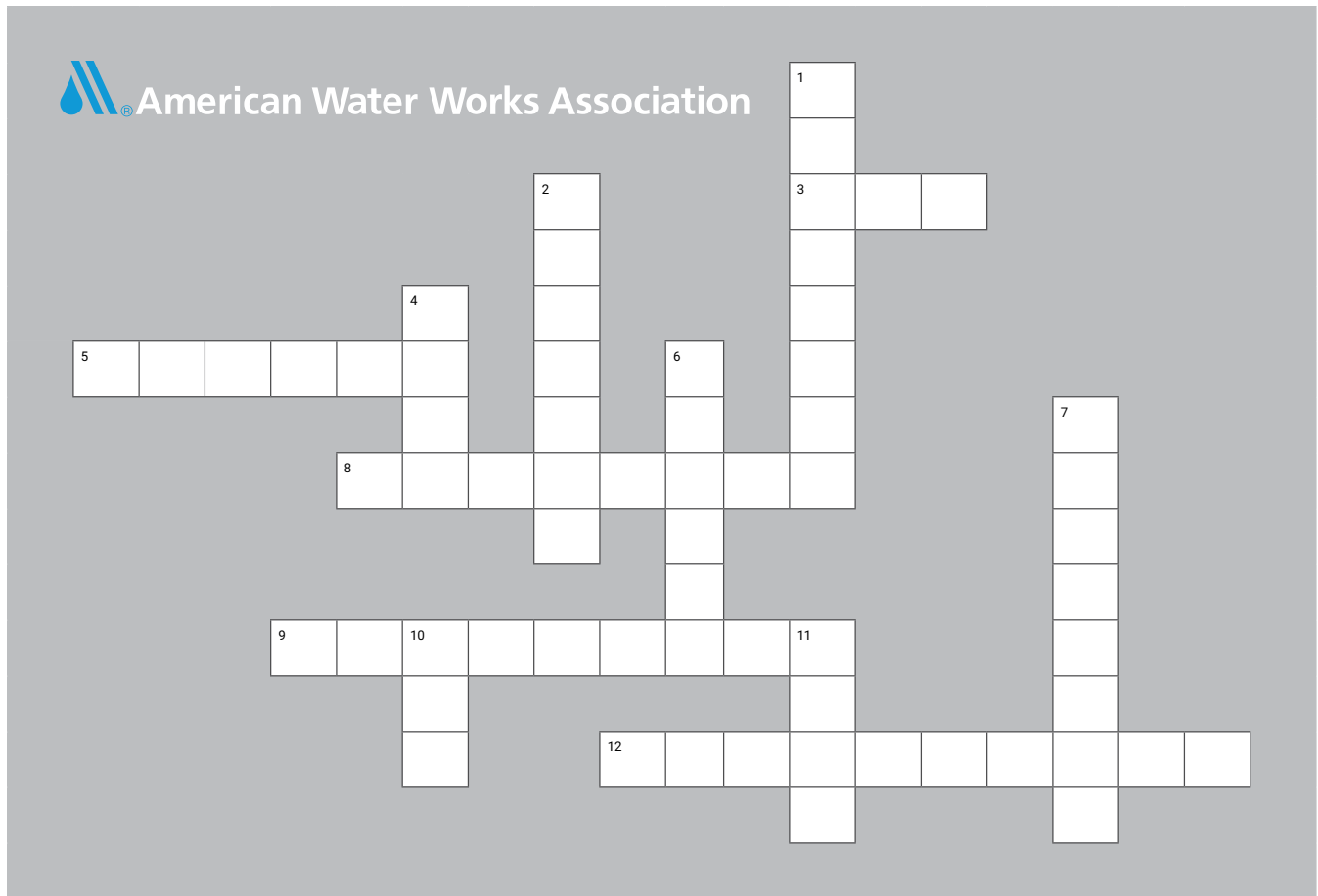


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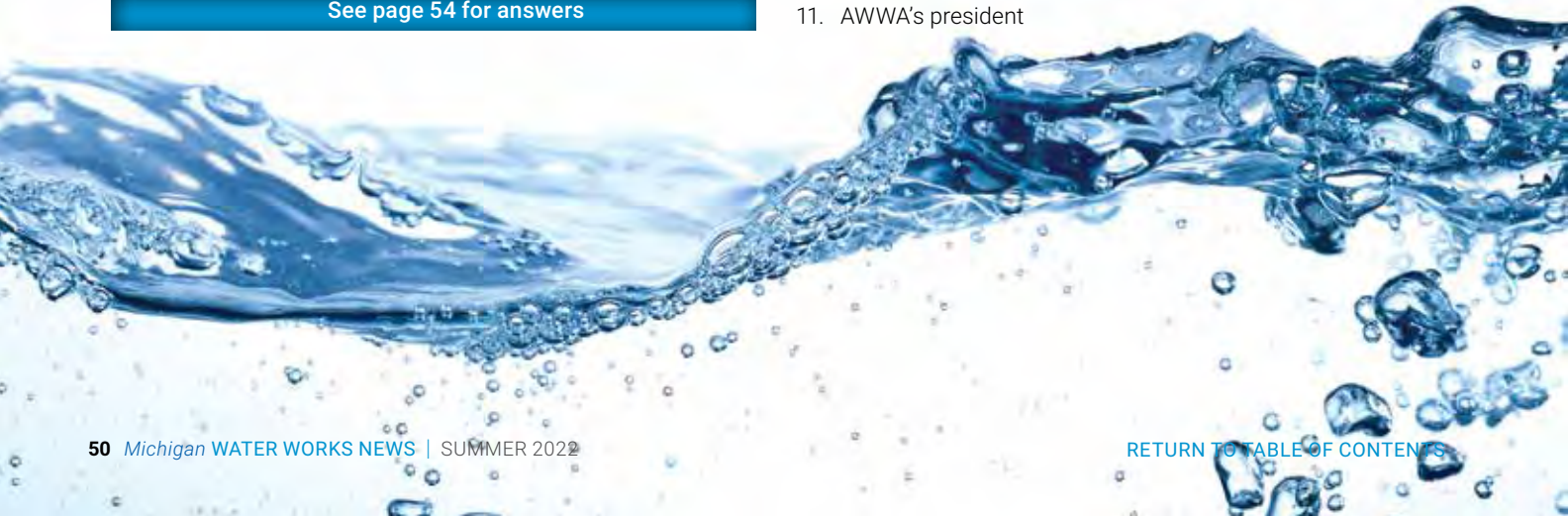
ACROSS

- 3. Twenty-two men from _____ states founded AWWA
- 5. One of AWWA's publications
- 8. Chief Executive Officer
- 9. AWWA has developed the industry _____ that govern the operations of water providers throughout the world
- 12. Location of this year's ACE

DOWN

- 1. Dedicated to the World's Most Important _____
- 2. Approximately 50,000 of these
- 4. Established in 1881
- 6. Location of AWWA headquarters
- 7. There are 43 chapters known as _____
- 10. This event brings together water professionals for programs, education sessions, and competitions
- 11. AWWA's president

See page 54 for answers



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COMMUNICATIONS COUNCIL SUMMER UPDATE

If you're looking to take your membership to the next level, now is the time to consider joining the Communications Council.

The purpose of this council is to serve as a resource for the development and implementation of programs designed to improve the water industry's image; to increase public appreciation of the importance of safe drinking water; to increase the professional image of the water industry; to support national programs promoting the water profession that are in alignment with the Michigan Section strategic

plan; and to oversee internal communication to assure an informed membership. This oversight includes website, newsletter, direct mail decisions, and monitoring online usage and website analytics to determine appropriate use of social media and website development.

Volunteers come from all sectors of the water industry. The council is currently planning the next Media Communications Workshop. If you're interested in serving on the Communications Council, contact info@mi-water.org. 

"IF YOU'RE LOOKING TO TAKE YOUR MEMBERSHIP TO THE NEXT LEVEL, NOW IS THE TIME TO CONSIDER JOINING THE COMMUNICATIONS COUNCIL."



EDUCATION AND TRAINING COUNCIL UPDATE


Michigan Water Academy

After delays due to COVID-19 the Education and Training Council (ETC) is once again reviewing courses for the Michigan Water Academy. Classes are in varying stages of development at this point, with some in beta testing. Once initiated, the Michigan Water Academy hopes to serve as a career progression pathway that helps water professionals to advance within their organization and reach their long-term career goals. For more information on the Michigan Water Academy, visit the section website at www.mi-water.org/page/academy.

"THE MICHIGAN WATER ACADEMY HOPES TO SERVE AS A CAREER PROGRESSION PATHWAY THAT HELPS WATER PROFESSIONALS TO ADVANCE WITHIN THEIR ORGANIZATION AND REACH THEIR LONG-TERM CAREER GOALS."



Regional Meetings

Regional meetings are once again taking place as an in-person event. The spring regional meetings had a wide array of topics and discussions and were well attended at all four locations. 



AWWA WATER MATTERS! FLY-IN

The *AWWA Water Matters! Fly-In* is an annual event organized by AWWA that brings water leaders from all over the United States to Washington D.C. to meet face-to-face with lawmakers and legislative aides to promote issues important to our industry. The event was cancelled in April of 2020 and was held virtually in 2021. This year, the Michigan Section sent two members to Capitol Hill – Jaime Fleming (Board of Trustees Past Chair) and Matt Kennedy (Government Affairs Council Chair) to meet with the offices of Michigan representatives and senators.

AWWA representatives focused on three primary issues during this year’s Fly-In. The first request was for Congress to fully fund all water programs authorized, but which did not receive appropriations, in the Infrastructure Investment and Jobs Act (also called the Bipartisan Infrastructure Law or BIL). BIL will provide once-in-a-lifetime funding for water infrastructure, but a number of important programs authorized under the bill have not yet been funded, including:

- The Rural and Low-Income Water Assistance Pilot Program (LIHWAP). This program is patterned after the Low Income Home Energy Assistance Program (LIHEAP)
- Drinking Water System Infrastructure Resilience and Sustainability Program
- Midsize and Large Drinking Water System Infrastructure Resilience and Sustainability Program

The resilience and sustainability programs will help harden the water sector’s cybersecurity defenses and strengthen our water infrastructure’s resilience to natural disasters.

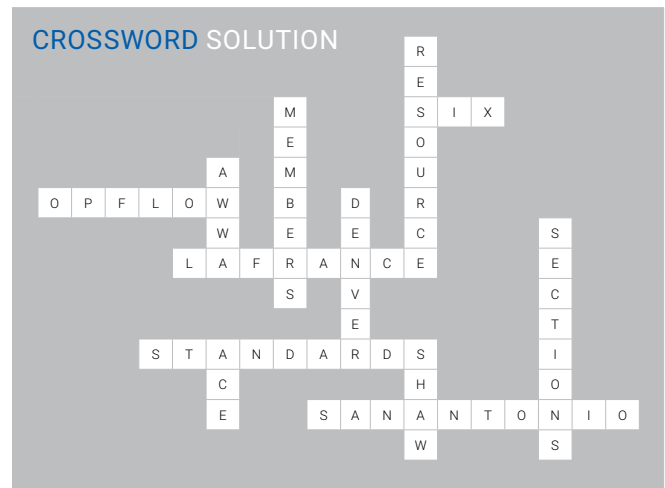
The second request was for an explicit exemption from PFAS liability under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) for water systems acting in accordance with all applicable laws and regulations. It is anticipated that the EPA will designate certain PFAS substances as “hazardous substances” under CERCLA. This designation would allow EPA to invoke enforcement authorities to hold “potentially responsible parties” financially liable for any required remediation at Superfund sites. CERCLA is intended

to hold polluters responsible for cleanup of contaminated sites and there is a concern that if municipality disposes of PFAS-laden media in a hazardous waste landfill that later becomes a Superfund site, then the water utility could be treated as a PFAS polluter. This could force local ratepayers to cover the cleanup bill after they already paid to remove the contaminants from their source water. It is important to note that more than 650 municipalities and counties have been named as potential responsible parties in past suits in CERCLA actions (thus far unrelated to PFAS contamination).

The last request was for Congress and the EPA to work with the water sector to address the lack of cybersecurity requirements, improve threat information sharing, support cybersecurity training, and provide funding to implement best practices. Out of the three issues addressed, cybersecurity was the most popular topic of discussion with regulators. AWWA is requesting that authority be given to the EPA to develop and enforce minimum cybersecurity standards for water systems. Most regulators’ offices were familiar with the cybersecurity issues in the industry and were very interested to hear how it directly affects municipalities. With funding soon available from the American Rescue Plan (ARP) and the BIL, many water utilities will be building and improving their instrumentation and controls systems and this is the ideal time to implement minimum security measures and training.

Supply chain issues were not an official AWWA issue, but it was a topic discussed with multiple groups and regulators. They were made aware of the shortages of treatment chemicals, piping, appertanances, and other items like laboratory supplies and how extreme lead times threaten the ability of utilities to deliver safe water to Michiganders.

If you would like more information about any of these issues, please reach out to MI-AWWA. We can share the issue papers as a resource. Please consider contacting your Federal and State legislators to discuss these issues. Advocacy is strongest when it includes the voice of their constituents. 💧



SAFE WATER IN ECUADOR UPDATE

It has been a while since we've shared an update, and while navigating through the COVID pandemic was challenging, there was no exception in Ecuador. As the world shutdown, Ecuador faced very challenging and strict lockdown rules – from a 4 PM curfew to fines and even jail time for repeat offenders if the lockdown rules weren't followed. So, what did that mean for water, and SWIE's mission? Well, it made it very difficult to raise funds by traditional methods for our committee, it made it impossible to send a team down to provide supplies, technical expertise and extra hands to help communities, and we reached out in hopes that our counterparts in Ecuador were surviving.

As many reflected on their lives during the pandemic, one of our very own committee members decided to make a change in a HUGE way. Mark De Haan, formerly with Prein&Newhof, has decided to join Life Giving Water International in Ecuador, as well as be our direct source for project funding opportunities, updates, and assistance with coordinating future team trips while Bruce Rydbeck enters semi-retirement. Mark first visited Ecuador as a senior at Calvin University and then had the opportunity to return a few times as a member of SWIE. Each time Mark visited, he witnessed communities valuing clean water and each community family committing significant time to help construct the system by digging trenches or hauling materials.

"The connection between engineers in the United States and communities in the Andes Mountains was unique and special," said De Haan. "As I spoke with folks who had spent long periods on the SWIE committee, like Mike Roon and Janice Skadsen, and had raised a lot of money for these

projects, I saw the commitment as water professionals to not only improve access to clean water here in the United States but also around the world."





“THE CONNECTION BETWEEN ENGINEERS IN THE UNITED STATES AND COMMUNITIES IN THE ANDES MOUNTAINS WAS UNIQUE AND SPECIAL.”



Since making the decision to head to Ecuador, Mark is excited to join a team that includes people from all over the world – from Ecuador, Colombia, Germany, and the US. Mark hopes to share his engineering expertise to help these communities have sustainable and reliable drinking water systems; increase engagement from Michigan water professionals to help solve unique engineering challenges as they arise; and create lasting relationships for future generations to continue this work in Ecuador.

Mark headed down to Ecuador in February, and so far he has worked alongside 80-year-old community members as

they backfill trenches, assisted Calvin University students who performed water quality testing in San Isidro de Chipó (a community that previously used an irrigation ditch as its drinking water source), completed topographic and drone surveys for new system designs, and as you read this, he is working on his first Ecuadorian design for the community of Pull San José (consisting of 170 homes).

So, if you feel inspired, please reach out to MI-AWWA section or Jess Howard to see how you can get involved and connected. Do you have skills in drinking water treatment? Do you work in the area of hydraulic analysis of water distribution systems? Can you assist with hydrogeologic questions? Do you have access or contacts with companies that provide water meters, water quality analysis equipment, or chlorine dosing equipment?

As we gear up for MI-ACE 2022, please consider donating items for the chance auction, sponsoring a hole for the golf outing, or both! 100% of donations go towards funding projects in Ecuador! Some things to look forward to for the auction, hot off the plane items from Ecuador, may include blankets, scarves, handmade bags, coffee, and more!

And if you can't wait to hear more, look for updates on social media from Mark De Haan (on Facebook or on Instagram @markdh92) as well as Mark coming back to present at the annual conference. 💧

BEST TASTING WATER IN MICHIGAN

Finally! The craziness of the past few years subsided enough to let us get back on schedule with our annual Best Tasting Water in Michigan competition. For the first time since 2019, Regional Taste-Offs were held at the Michigan Section of the American Water Works Association – Spring Regional Meetings. We had competitors, in all five Regions, bring their best house blend of hydrogen and oxygen for judging against their peers. At stake was a berth in the State Taste-Off to be held this fall.

Our five regional champions are all outstanding water supplies with a pedigree of providing incredible drinking water. In the Upper Peninsula, **Bates Township** stood alone as the best water north of the bridge. In Livonia, **City of Ann Arbor** added another regional championship notch to their belt. In Kalamazoo, **City of Allegan** outlasted their competition to take

home the trophy. In Gaylord, **Mancelona Area Water & Sewer Authority** continued their legacy of great water. In Mt. Pleasant, **Plainfield Charter Township**, our 2021 State Champion, made it clear that they are looking to repeat! Congratulations to all five Regional Champions!

These five Regional Champions will face off at the Michigan Section of the American Water Works Association’s Annual Conference and Exhibits, September 13-16 in Traverse City, to determine who will be named Best Tasting Water in Michigan. The 2022 State Champ will represent the Section at AWWA ACE in Toronto, Canada, June 11-14, 2023!

Thanks to everyone who competed in Spring Regionals this year and congratulations, again, to our Regional Champs. I hope to see you in Traverse City this September! 💧



Taste-Off winners



Mancelona Water and Sewer Authority



Bates Township



City of Allegan



Plainfield Charter Township





THE MI-AWWA YOUNG PROFESSIONALS LEARN ABOUT WATER FROM START TO FINISH!

The Young professionals recently hosted their first event in three years! Twenty-five water and utility professionals gathered for two hours of tour, one each at Tantrick Brewing Facility and the Allegan Water Treatment Plant, with 0.2CEUs awarded to attendees. This was followed by a fun networking session at the taproom, where judging by all the smiling faces, the tour and mixer was a hit.

Allegan's 3MGD water treatment plant is unique in that it uses Reverse Osmosis (RO) for softening. Some of the highlights include early adoption of full-scale RO technology,



Young Professionals learning about how the reverse osmosis process works in the Allegan Water Treatment Plant.

onsite generation of primary and residual oxidant/disinfectant, blended finished water from both the RO membranes and iron precipitation filters, and a cooperative approach to the new RO discharge permit.

Tantrick brewing is another unique operation, showing record growth for a small business during the COVID-19 pandemic. External contributions to their success include consistency of Allegan's water quality and the newly designated social drinking district in downtown Allegan where open containers are allowed.

We have several more events planned throughout the lower peninsula, so stay on the lookout! 💧



Tanya and Patrick showing off their brew facility to a few thirsty Young Professionals.

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MICHIGAN MAKES SHOW AT ACE22



Ladies team tapping – Beth Zimpfer (Setter), Kelly Gleason (Cranker), Remecho Sanders (Coach), and Julie Schell (Copper)



Mens team in action – Jon VanDommelen (Setter), Brad Lundquist (Cranker), Blake Kalchik (Coach), and Richard (Moe) Garza (Copper)

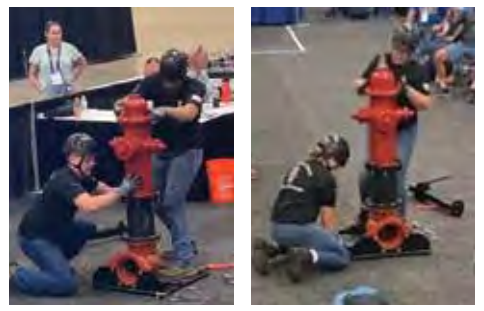
Meter Madness

Left: Richard (Moe) Garza
Right: Jon VanDommelen



Hydrant Hysteria

Left: Battle Creek Men – Ben Blaniar & Ivan Scovel
Right: Battle Creek Women – Amber Whitcomb & Tara Reniger




Cheryl Porter accepts the award for MI-AWWA growing membership.

NOMINATING COMMITTEE

This year's process for recruiting and selecting new Board members by the Nominating Committee has been completed. The committee had a great group of candidates to consider. The open positions that will be available on the Michigan Section Board of Trustees are as follows; Chair Elect, Secretary-Treasurer, and two Trustee Positions, each with a three-year term. The Nominating Committee would like to thank all the nominees who submitted their name for consideration. The committee nominates the following individuals for the three available positions.

- Chair Elect**
Gary Wozniak, Lansing Board of Water and Light
- Secretary-Treasurer**
Jaime Fleming, City of Wyoming
- Trustee 2021 – 2024**
Angie Goodman, Lansing Board of Water and Light
- Trustee 2021 – 2024**
Doug Scott, ROWE Professional Services Company

To learn a little more about Gary, Jaime, Angie, and Doug, please read "Meet the Nominees" contained within this edition of Water Works News. The election will take place at the annual business meeting during MI-ACE in Traverse City. Your 2022 Nominating Committee comprised of Board Members Christine Spitzley, Pat Staskiewicz, Wayne Jernberg, Molly Maciejewski, Rick Solle and Michelle Zdrodowski along with At-Large members Aaron Davenport, and Peter Schwartz. We hope to see you at the Grand Traverse Resort in Traverse City at MI-ACE 22! 

"TO LEARN A LITTLE MORE ABOUT GARY, JAIME, ANGIE, AND DOUG, PLEASE READ "MEET THE NOMINEES" CONTAINED WITHIN THIS EDITION OF WATER WORKS NEWS."



MEET THE NOMINEES



Gary Wozniak, P.E.

Gary is a Water Distribution Engineer in the Water & Steam Dept for the Lansing Board of Water and Light. His past work experience included 27-years with the Michigan Department of Environmental Quality (formerly Public Health) as a District Engineer, and three years of sewer construction inspection with McNamee, Porter & Seeley. He

recently moved to the Lansing area with his wife Charisse. They have five kids between them and one grandson.

Gary grew up in southeast Michigan and obtained his Bachelor of Science in Environmental Engineering from Michigan Tech. He earned his Professional Engineers License in 1994 and currently holds D2, S1, and F3 operator licenses. Gary has worked in the Upper Peninsula and Southwest Michigan Districts for the for the DEQ, now known as EGLE. His first committee assignment with the Section was with UP Education where he conducted the Regional Taste-off contest. After transferring to southwest Michigan, he continued providing statewide Taste-off coordination for the Community Awareness Committee. Gary chaired the Education and Training council, is currently Co-Chair of the Historical Preservation Committee, and is an affiliate member of the Ontario Section. He has won the Richard Husby Public Awareness Award in 2010 and the Executive Director's Award in 2017.

Gary believes that well-trained, knowledgeable operators are an important part of asset management, and he shows this by providing training and building relationships. His experience with water systems in both the upper and lower peninsulas give him a broad view of both system strengths and challenges statewide.

In his off-time Gary enjoys fishing with his wife, fur trapping (he is a lifetime member of National Trappers Association), hiking, paddling a kayak, playing guitar, and recently started playing golf.



Jaime Fleming

Jaime is the Laboratory Manager for the City of Wyoming Utilities Department (drinking water and wastewater treatment plants). After completing her B.S. in Chemistry at Grand Valley State University, she answered an ad in the newspaper for a laboratory technician with Wyoming drinking water plant. In her 18 years with the city, she has had tremendous

opportunity to learn and grow as a water professional. She went on to complete her Master's Degree in Public Administration (also at GVSU) and holds F-1, S-4 licenses.

Jaime was encouraged to be an active member of the Section by several of her Wyoming colleagues. She started out as a member of the Lab Practices and Youth Education committees and has since served in many roles. She has been a chair of several committees, chair of the Annual Conference Program Committee, has served as a Trustee, chair of the Conference and Recognition Council, and had the honor of serving as MI-AWWA Chair. She is also a member of the AWWA Water Quality Laboratory Committee and is the serving on the M12 Manual revision group.

Jaime's current passion is water affordability and legislative issues. She believes one of the most valuable benefits Section membership provides is the opportunity to meet other water professionals and to share ideas and knowledge. She would be honored to continue to serve the Section as Secretary/Treasurer.



Angie Goodman

Angie is the Water Quality Administrator for the Lansing Board of Water & Light (BWL), where she has worked for 21 years. She holds both F-1 and S-3 licenses. She grew up on the edge of Lansing in the town of Grand Ledge and then completed the 15-minute drive to East Lansing to attend Michigan State University where she received

her Bachelor of Science degree in Biology from Lyman Briggs College.

As the Water Quality Administrator, she is responsible for the development and implementation of procedures to ensure compliance with state and federal safe drinking water regulations and is responsible for responding to customer inquiries regarding water quality, while maintaining customer confidence in the water supply.

Angie serves in many roles which support providing clean, safe water to the BWL's customers, surrounding communities and beyond. For the Section, Angie has served as past Vice-Chair of the Communication Council where she is still a current member, along with being part of the Research and Treatment Practices Committee. Additionally, she serves on the AWWA Online Standards Committee, is Chair of their local Groundwater Technical Advisory Council, and Chair for the BWL's Community Water Advisory Council for Lead.

In her time at the BWL she designed the BWL's water mascot Tommy Tap Water, whose motto is "Drink, Fill, Repeat", to encourage drinking from the tap. She also created a coloring book called the Adventures of Tommy Tap Water and Phillip (a refillable water bottle) to help promote where water comes from, how it's treated and how it gets to your home, school, or business. In her current position she has also taken extra measures to design an Annual Water

Quality Report that goes above compliance requirements, demonstrating her passion about drinking water and educating customers about water quality. Angie is looking forward to her term as a Trustee and continuing to serve Michigan Section.



Doug Scott, P.E.


Doug is a Senior Project Manager / Associate at ROWE Professional Services Company. After graduating from Michigan State University with a bachelor's degree in Civil Engineering, he entered the consulting world as a structural engineer for Novak Engineering in Jackson, MI. Doug began working at ROWE a few years later and moved

to Owosso. Early in his career at ROWE, he discovered that his previous electrical and structural experience was an excellent fit for multi-disciplinary projects such as water/wastewater

plants, pump stations, booster stations, and storage tanks. Doug enjoys the challenges of managing the various disciplines required for process work for municipal clients. As a Senior Project Manager at ROWE, he routinely manages a wide range of municipal and land development projects.

Doug became a member of MI-AWWA in 2004 and has been active in several committees, including the MI-ACE Program Planning Committee, Research and Treatment Practices Committee, and the Manufacturers Advisory Committee. He's currently the vice chair of the Conference and Recognition Council.

Doug lives in Morrice with Stephanie, his wife of 29 years, and their three children. Doug and Stephanie are very active in their local church, working in children and youth ministry for over 27 years. Doug enjoys anything outdoors in his spare time, especially hunting, shooting, fishing, golfing, and landscaping projects.

Doug looks forward to becoming more involved in MI-AWWA at the board level and considers it an honor to be considered for a trustee position. 

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WELCOME NEW MEMBERS

Members who joined March 1, 2022, to April 30, 2022.

David Abu, Great Lakes Water Authority
Kassem Ajami, Great Lakes Water Authority
Syed Ali, Detroit Water & Sewerage
Daniel Aman, Great Lakes Water Authority
John Ambrus, Detroit Water & Sewerage Authority
Hussein Aoude, Detroit Water & Sewerage
Marvin Autry, Great Lakes Water Authority
Dustin Babler, Great Lakes Water Authority
Lisa Bahr, IDEQ
Nicole Baker, Detroit Water & Sewerage
David Banka, Great Lakes Water Authority
Esther Baptiste, Great Lakes Water Authority
Bryant Barber
Mohamad Baydoun, Great Lakes Water Authority
Dustin Beebe, Great Lakes Water Authority
Kristen Benes, Detroit Water & Sewerage
Glenn Bevelle, Great Lakes Water Authority
Stephen Blackman, Great Lakes Water Authority
Cory Borton, Charter Township of Bloomfield
David Bowie, Detroit Water & Sewerage
Frezetta Brown, Detroit Water & Sewerage
Wanda Brown, Great Lakes Water Authority
Juan Antonio Brown, Great Lakes Water Authority
Henry Browne, Great Lakes Water Authority
William Burbidge, Great Lakes Water Authority
Patricia Butler, Great Lakes Water Authority
Erika Campbell, Detroit Water & Sewerage
Therese Carew, Great Lakes Water Authority
Norvell Carey, Great Lakes Water Authority
Curtis Carter, Great Lakes Water Authority
Robert Case, City of Troy
Joshua Chaffin, City of Grosse Pointe Park
Zeinab Chami-Younis, Dte/Consumers
Shane Clarke, Great Lakes Water Authority
Shavarn Cobb-Smith, WRRF
Cynthia Collins, Great Lakes Water Authority
Kimberly Crowell, Detroit Water & Sewerage
Steven Cummins, Great Lakes Water Authority
Shatara Currie, Detroit Water & Sewerage
Scott Daniel, Detroit Water & Sewerage
Troy Davenport, Great Lakes Water Authority
Lawrence Davidson, Detroit Water & Sewerage
Anthony Davis, Great Lakes Water Authority
Danyelle Davis, Great Lakes Water Authority
Stephanie Dillon, Great Lakes Water Authority
Andrew Dix, Detroit Water & Sewerage
Christopher Donais, Detroit Water & Sewerage
Denise Donelson-Williams,
Detroit Water & Sewerage
Mason Drake, Detroit Water & Sewerage
Isaiah Dunlap, Detroit Water & Sewerage
Caesar Dunwoody, Great Lakes Water Authority
Thomas Eapen, Great Lakes Water Authority
Dima El-Gamal, Great Lakes Water Authority
Nicole Evancho, Detroit Water & Sewerage

Ronald Fadoir, Oakland County
Water Resources Commissioner
Carolyn Fagan, Great Lakes Water Authority
Kari Farina, Detroit Water & Sewerage
Lawrence Feagin, Great Lakes Water Authority
Nicholas Fedewa, Great Lakes Water Authority
Sabrina Ferguson, City of Detroit
Jason Ferrall, Wayne County Airport Authority
Philip Ferro, City of Southgate Water Department
Shirletta Flake, Detroit Water & Sewerage
Xavier Fonoll Almansa,
Great Lakes Water Authority
Jake Forchini, Negaunee-Ishpeming Authority
Darvin Fox, Great Lakes Water Authority
Khyla Franklin, Detroit Water & Sewerage
Erik Frederiksen, Oakland County
Water Resources Commission
Steve Fust, Great Lakes Water Authority
Jodi Gallo, City of Wixom
Michael Gardiner, Great Lakes Water Authority
Gilberto Garza, Great Lakes Water Authority
Sherri Gee, Great Lakes Water Authority
Fariborz Ghanavi, Great Lakes Water Authority
Christopher Gibbs, City of Taylor
Sheila Globe, Detroit Water & Sewerage
Brandon Gnatkowski, City of Frankenmuth
Daniel Gold, Great Lakes Water Authority
Nicole Golich, City Of Dearborn-Water Division
Isaac Granger, Detroit Water & Sewerage
Bradford Grant, Detroit Water & Sewerage
Dionne Graves, Great Lakes Water Authority
Sherrian Greenwood, Great Lakes Water Authority
Kara Grisamer, City of Oak Park Water Dept.
Sean Hallock, Great Lakes Water Authority
Farzana Hannan
Dakeisha Hardwick, Detroit Water & Sewerage
Kiandra Hargrove, Detroit Water & Sewerage
Beverly Harris, Great Lakes Water Authority
Jessica Hatlen, City Of Dearborn-Water Division
Tatiana Hauk, Great Lakes Water Authority
Timothy Hawkins,
City of Dearborn Water Division
Terry Helmold, Great Lakes Water Authority
Kyle Hines, Great Lakes Water Authority
Candice Hobson, Great Lakes Water Authority
Stephanie Hogue, Detroit Water & Sewerage
Dave Holmes, Great Lakes Water Authority
Natasha Hooten, Great Lakes Water Authority
Steve Hoover, Great Lakes Water Authority
Cynthia Hopkins, Great Lakes Water Authority
Caine Hornok, Great Lakes Water Authority
Michael Hughes, Village of Pinckney
Sondra Hunsinger, Great Lakes Water Authority
John Ingraham, Johnson Controls
Toni Jackson, Great Lakes Water Authority
Eric Jackson, Detroit Water & Sewerage

Lavonda Jackson, Great Lakes Water Authority
Tom Jenny, City of Grosse Pointe Park
Sherry Jones, Detroit Water & Sewerage
Nicholas Karsiotis, Great Lakes Water Authority
Justin Kietur, Great Lakes Water Authority
Jacek Kin, Great Lakes Water Authority
Jon Kohnert, City of Troy
Lynda Kostrzewski, Great Lakes Water Authority
Crystal Kozak, Great Lakes Water Authority
Debi Kozer, Detroit Water & Sewerage
Samuel Krassenstein, City of Detroit
Kevin Lakin, City Of Dearborn-Water Division
Richard Leblanc, Great Lakes Water Authority
Patrick Leflar, Great Lakes Water Authority
Bryan Levoska, Great Lakes Water Authority
Alan Loebach, City of Dearborn
John Lokosis, Great Lakes Water Authority
Priscilla Lovely
Jordan Loza, Great Lakes Water Authority
Diane Luke, Great Lakes Water Authority
John Lukose
Warren Macabebe, Great Lakes Water Authority
Daniel Mack, Johnson Controls
Carlos Magno, Detroit Water & Sewerage
Daniel Maniece, Great Lakes Water Authority
Sharice Marshall, City of Detroit
Sharon Marshall, City of Detroit
DWSD Engineering Dept.
Michelle Martin, Detroit Water & Sewerage
Jessica Martinez, Great Lakes Water Authority
Ritesh Maskay, Great Lakes Water Authority
Bobbi Mason, Great Lakes Water Authority
Jason Maxwell, City of Wixom
Dennis McCabe, City of Bad Axe
Sarina McGore, Great Lakes Water Authority
Au Lisa McGovern, Great Lakes Water Authority
Michelle McKenzie, Detroit Water & Sewerage
Devyn McNaughton, Detroit Water & Sewerage
Janet McNew, Lansing Board of Water & Light
Trista Meyer, Great Lakes Water Authority
Tamika Mitchell, Great Lakes Water Authority
Alizah Mooman, Detroit Water & Sewerage
Thorne Moore, Great Lakes Water Authority
Sean Moore, Detroit Water & Sewerage
Erica Moore, Great Lakes Water Authority
Michael Morris,
Ypsilanti Community Utilities Authority
Ramy Mostafa, Great Lakes Water Authority
Mostafa Moussa, Great Lakes Water Authority
Kevin Murphy, City of Detroit DWSD
Robert Neil, City of Hastings
Tiffany Neubig, Great Lakes Water Authority
Joel Newswanger
Keith Norman, Detroit Water & Sewerage
Robert Oliver, Great Lakes Water Authority
Yolanda O'Quinn, Detroit Water & Sewerage

Juwan Outlaw, Detroit Water & Sewerage
Evita Parks, Great Lakes Water Authority
Lucille Pasha, Great Lakes Water Authority
Rodney Patten, Great Lakes Water Authority
Gregory Pearson, Great Lakes
 – Environmental Infrastructure Center
Simone Peterson, Great Lakes Water Authority
Collin Potter, Great Lakes Water Authority
Marvin Prather, Great Lakes Water Authority
Yolanda Presley, Great Lakes Water Authority
Adam Quader, Great Lakes Water Authority
Kevin Richards,
 Ypsilanti Community Utilities Authority
David Ridgeway, Great Lakes Water Authority
Leonor Rodriguez Castillo,
 Detroit Water & Sewerage
Eric Roggow, City of Dearborn-Water Division
Mary Rojas
Sydni Rondeau, Detroit Water & Sewerage
Kevin Ross, Great Lakes Water Authority
Sara Rubino, Oakland County
 Water Resources Commission
Susan Ryan, Great Lakes Water Authority
Dolores Sanders, Great Lakes Water Authority
Jason Say, Oakland County
 Water Resources Commission
Frank Schrettnr, City of Lincoln Park Water Dept.
Scott Schultz, Great Lakes Water Authority
Anthony Serinto, City of Lincoln Park Water Dept.
Tony Serinto, Great Lakes Water Authority
Joe Shagena, Great Lakes Water Authority
Mackenzey Shega-Fox, Detroit Water & Sewerage
Sameh Shilbayeh, City of Dearborn
Mohammad Siddique, Detroit Water & Sewerage
Kirsten Silwanowicz, Great Lakes Water Authority
Connie Simms, Great Lakes Water Authority
Hannah Slabaugh, Detroit Water
 & Sewerage - PSMG
Lashema Sledge, Great Lakes Water Authority
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Molly Sullivan, Great Lakes Water Authority
Cristina Sutherland, Great Lakes Water Authority
Sheryl Swiontek, Bay College
Elaine Taiariol, Detroit Water & Sewerage
David Tait, Croswell Water Dept.
Derwin Taylor, Great Lakes Water Authority
Praveen Thomas, Great Lakes Water Authority
Anna Timmis, Detroit Water & Sewerage - PSMG
Tyler Van Ochten, Great Lakes Water Authority

Jermaine Vanover, Detroit Water & Sewerage
Biji Varghese, Great Lakes Water Authority
Laura Verona, EGLE - DWEHD
Annette Vines, Great Lakes Water Authority
Eric Vlaz, Great Lakes Water Authority
Jerrod Wade, Great Lakes Water Authority
Eric Waldecker, Great Lakes Water Authority
Darrell Waller, Great Lakes Water Authority
Dauida Waller, Detroit Water & Sewerage
Cindy Walters, Great Lakes Water Authority
Lucas Webster, Great Lakes Water Authority

Deierdre Weir, Great Lakes Water Authority
Kori Weisinger, Village of Ontonagon
Sandy White, Detroit Water & Sewerage
Garrett Willard, Great Lakes Water Authority
Sonja Williams, Great Lakes Water Authority
Carl Williams, City of Detroit - DWSD
Camille Williams, Great Lakes Water Authority
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Georgia-Pacific (2)	International Paper (2)	SCA Tissue	Tri-District Water
Nuclear Management (2)	Exelon Nuclear (3)	WE Energies (2)	KAPL
FPL Energy (2)	NY Power Authority (2)	NL Hydro (2)	Unilever
City of Wichita (2)	Westar Energy (3)	Grand River Dam Authority (3)	
City of Emporia	General Motors	Kansas City BPU (2)	

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RETIREMENT ANNOUNCEMENT

After 45 years of continuous service to the certified drinking water operators of Michigan, John "K-13" Koenigsnecht announced his retirement effective April 15, 2022. Over the years, John assisted drinking water operators with processing continuing education credits (CECs) and certification renewals.

While we are sad to see John go, we are excited for him and his new opportunities for adventure in retirement. A heartfelt congratulations goes out to John, and we wish him the best!

In John's absence, it is important that operators submit their CECs to the OTCU email inbox at egle-otcu-training@michigan.gov. Please allow two to three weeks for the processing of CECs and updates on the Operator Training and Certification Program website. For more information on CECs, visit michigan.gov/egleoperatortraining and search under Check Your CECs Online. 💧

"A HEARTFELT CONGRATULATIONS GOES OUT TO JOHN, AND WE WISH HIM THE BEST!"

EGLE ANNOUNCES NEW LOOK AND FEEL TO WEBSITE

The Michigan Department of Environment, Great Lakes, and Energy (EGLE) has recently unveiled a refreshed website. If you visit Michigan.gov/EGLE you will notice it looks quite different. The changes are part of the state of Michigan's effort to move websites toward a new unified design that will improve user experience and navigation while maintaining existing services and content. Updates also include modernizing websites to be more compatible with mobile devices. The new website structure was designed based on feedback from industry, public, and EGLE team members. Preexisting web links and bookmarks will automatically be redirected to the respective new website. Contact your district office if assistance is needed in navigating the new website. 💧

"UPDATES ALSO INCLUDE MODERNIZING WEBSITES TO BE MORE COMPATIBLE WITH MOBILE DEVICES"

EDWARD DUNBAR RICH AWARD CALL FOR NOMINATIONS



Every year the Michigan Department of Environment, Great Lakes, and Energy (EGLE), along with the Michigan Section of AWWA, presents the Edward Dunbar Rich Service Award at the Michigan Section, AWWA Annual Conference. This award is presented to water utility personnel who have served meritoriously and faithfully for 25 years in the waterworks industry in Michigan.

We honor the memory of Edward Dunbar Rich, an author, Professor of Civil Engineering, Major in the Sanitary Corps, and State Sanitary Engineer of the Michigan Board of Health, by recognizing water utility personnel for their dedication to the industry.

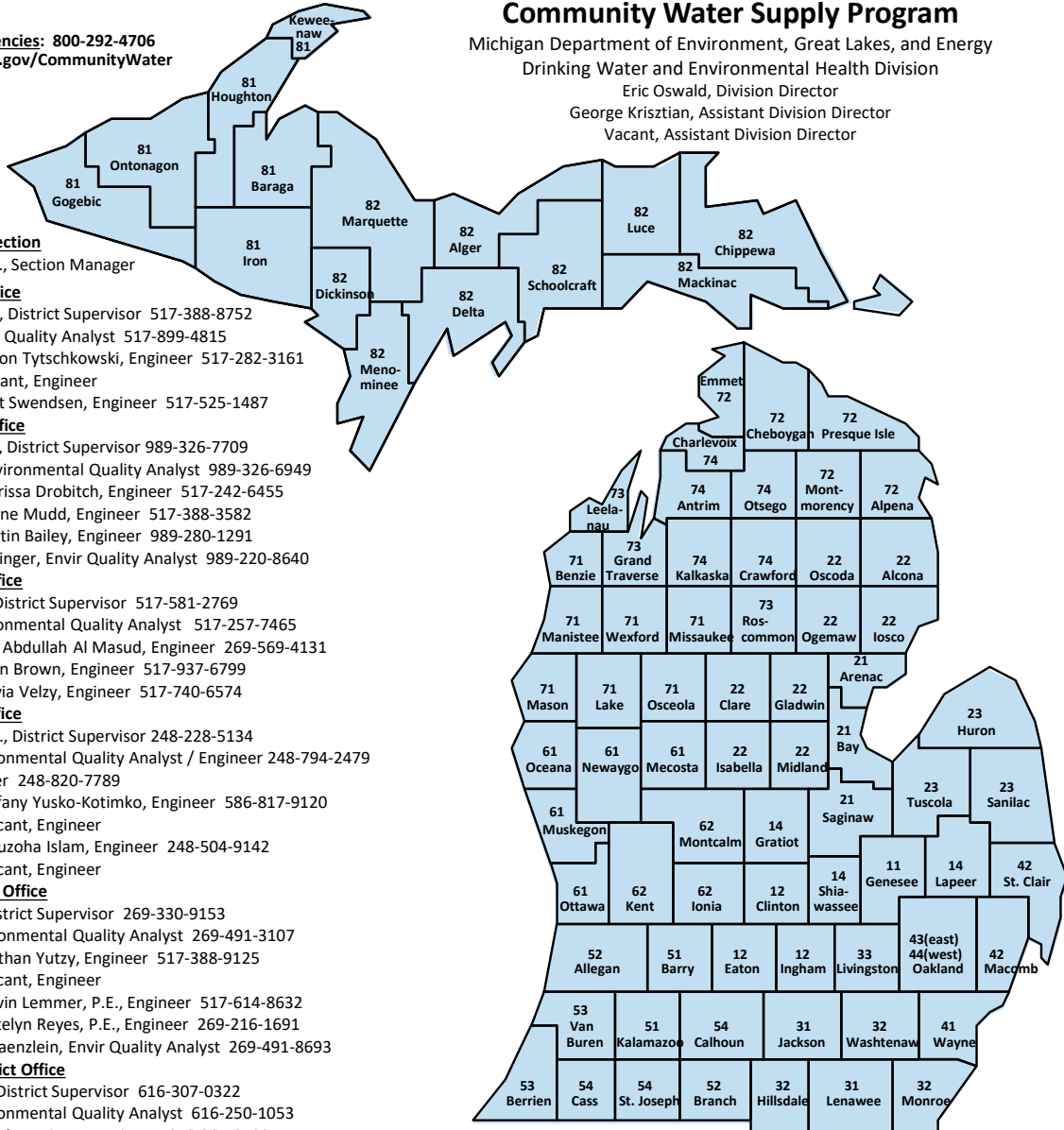
Rich Award applications are now being accepted, with an application deadline of July 15, 2022. Please visit www.michigan.gov/communitywater to find information on the Rich Award and the nomination form. 💧

04/26/2022

After Hours Emergencies: 800-292-4706
Website: Michigan.gov/CommunityWater

Community Water Supply Program

Michigan Department of Environment, Great Lakes, and Energy
 Drinking Water and Environmental Health Division
 Eric Oswald, Division Director
 George Krisztian, Assistant Division Director
 Vacant, Assistant Division Director



Field Operations Section

Brian Thurston, P.E., Section Manager

Lansing District Office

Bethel Skinner, P.E., District Supervisor 517-388-8752
 Justina Lyons, Envir Quality Analyst 517-899-4815
 District 11 - Aaron Tytschkowski, Engineer 517-282-3161
 District 12 - Vacant, Engineer
 District 14 - Kurt Swendsen, Engineer 517-525-1487

Bay City District Office

Joseph Reinke, P.E., District Supervisor 989-326-7709
 Rebecca Kaiser, Environmental Quality Analyst 989-326-6949
 District 21 - Marissa Drobitch, Engineer 517-242-6455
 District 22 - Shane Mudd, Engineer 517-388-3582
 District 23 - Kristin Bailey, Engineer 989-280-1291
 MHC - Sue Huttering, Envir Quality Analyst 989-220-8640

Jackson District Office

Pat Brennan, P.E., District Supervisor 517-581-2769
 Taryn Simon, Environmental Quality Analyst 517-257-7465
 District 31 - Md Abdullah Al Masud, Engineer 269-569-4131
 District 32 - Sean Brown, Engineer 517-937-6799
 District 33 - Olivia Velzy, Engineer 517-740-6574

Warren District Office

M. Yunus Patel, P.E., District Supervisor 248-228-5134
 Joshua Aden, Environmental Quality Analyst / Engineer 248-794-2479
 Kyle Zimes, Engineer 248-820-7789
 District 41 - Tiffany Yusko-Kotimko, Engineer 586-817-9120
 District 42 - Vacant, Engineer
 District 43 - Abuzoha Islam, Engineer 248-504-9142
 District 44 - Vacant, Engineer

Kalamazoo District Office

Heather Bishop, District Supervisor 269-330-9153
 Stacy Wilson, Environmental Quality Analyst 269-491-3107
 District 51 - Nathan Yutzky, Engineer 517-388-9125
 District 52 - Vacant, Engineer
 District 53 - Kevin Lemmer, P.E., Engineer 517-614-8632
 District 54 - Katelyn Reyes, P.E., Engineer 269-216-1691
 MHC - Mark Kraenzlein, Envir Quality Analyst 269-491-8693

Grand Rapids District Office

Luke Dehtiar, P.E., District Supervisor 616-307-0322
 Jeremy Klein, Environmental Quality Analyst 616-250-1053
 District 61 - Coulton Pierce, Engineer 616-265-9129
 District 62 - Wood Chooi, P.E., Engineer 616-430-7257
 MHC - Brian Esparsa, Envir Quality Analyst 616-307-0006

Cadillac District Office

Amy Vail, District Supervisor 231-878-8972
 Carey Pauquette, Environmental Quality Analyst 231-878-2931
 District 71 - Scott Conradson, Engineer 231-577-8472
 District 72 - Bob Weir, Engineer 231-590-2050
 District 73 - Jamie Wade, P.E., Engineer 231-878-8592
 District 74 - Taylor Quillan, Engineer 231-878-1279

Marquette District Office

Tom Flaminio, P.E., District Supervisor 906-236-9746
 Lori Schultz, Environmental Quality Analyst 906-869-6624
 District 81 - Mike Westra, P.E., Engineer 906-869-8823
 District 82 - Amy Douville, Engineer 906-236-4277

Engineering Unit

Michael Bolf, P.E., Unit Supervisor 906-630-4107
 Nick Swiger, P.E., Water Treatment Specialist 231-429-8926
 Ernie Sarkipato, P.E., Distribution System Specialist 616-307-0261
 Stephanie Johnson, P.E., Surface Water Specialist (east) 586-506-6137
 Robert London, P.E., Surface Water Specialist (north) 989-450-7834
 Caitlin Bates, P.E., Surface Water Specialist (west) 517-262-6795
 Andrew Peterson, P.E., Surface Water Engineer 906-250-4392
 Summer Haight, Surface Water Engineer 517-899-4962
 Vacant, Surface Water Engineer

Community Water Supply Section

Kris Philip, Section Manager

Technical Support Unit

Kris Dorcy, Unit Supervisor 517-898-1126
 Krista Robinson, Environmental Quality Specialist 517-599-8655
 John Karnes, Environmental Quality Analyst 517-242-0911
 Brittany Earles, Environmental Quality Analyst 517-899-6735
 Ariel Zoldan, Environmental Quality Analyst 517-599-8684
 Randi Henderson, Environmental Quality Analyst 517-899-4974

Operator Training & Certification Unit

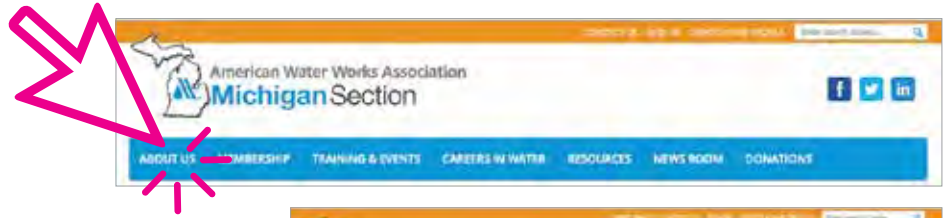
Koren Carpenter, Unit Supervisor 517-881-6311
 Scott Schmidt, Environmental Quality Analyst 517-899-6906
 Brianna Moore, Environmental Quality Analyst 517-899-6955
 Martin Morales, Environmental Engineer 517-525-8032
 Vacant, Departmental Technician
 Edith Monteiro, Office Assistant 517-930-1912

Lead & Copper Unit

Brandon Onan, P.E., Unit Supervisor 616-307-6736
 Jeni Bolt, Environmental Quality Specialist 517-331-5161
 Holly Gohlke, Environmental Quality Specialist 517-220-1904
 Heather Jackson, Environmental Quality Analyst 517-242-3997
 Steve Pennington, Environmental Quality Analyst 517-242-3923
 Matthew Sylvester, P.E., Corrosion Control Engineer 989-395-8567
 Aislinn Deely, Environmental Quality Analyst 517-388-1816
 Tyler Postma, Environmental Quality Analyst 517-388-1833
 Heather Brown, Environmental Quality Analyst 517-282-2844

MI-AWWA ONLINE

Easy to miss, remember that the MI-AWWA website has landing pages. So each of the menu options at the top are pages that you can “land on” before making a deeper dive into the site. 💧



TRAINING CALENDAR

JULY 2022

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
26	27	28	29	30	1	2
3	4	5	6	7	8	9
10	11	12	13	14 Water Solutions Webinar	15	16
17	18	19	20	21	22	23
24/31	25	26	27	28	29	30

SEPTEMBER 2022

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1

AUGUST 2022

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
31	1	2	3	4	5	6
7	8	9	10 Asset Management Seminar	11 Water Solutions Webinar	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31 Advanced Cross Connections Overview of Math & Hydraulics	1	2	3

OCTOBER 2022


SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
25	26	27	28	29	30	1
2	3	4 Regional Meeting Livonia	5 Regional Meeting Kalamazoo	6	7	8
9	10	11	12	13	14	15
16	17	18 Regional Meeting Mt Pleasant	19 Regional Meeting Gaylord	20	21	22
23/30	24/31	25	26	27	28	29

WATER SOLUTIONS: REMAINDER OF 2022, LOOKING TO 2023

Just a handful of webinars left this year. Each webinar is between 60 and 90 minutes and you can earn 0.1 CEC per webinar.

- July 14** – Workflow for Asset Management and Workflow Analytics
- Aug 11** – Highlights of Hydraulics: Some of the Basics
- Oct 13** – Key Factors in Recruiting and Retaining Talent
- Nov 10** – It's 2 am. Do you know where your SCADA system backup is?

Register online for the sessions you don't want to miss.

Planning has begun for 2023. There are ten spots available. If you or a colleague has a topic that you'd like to present on, please contact staff at info@mi-water.org. 



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