

MICHIGAN water works

WINTER 2018

NEWS



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2018 PREVIEW • FEBRUARY 6-7, 2018

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BYLAWS



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The deadline for submitting articles for the Spring 2018 issue is February 9, 2018. Material may be submitted to the Editor.

Editor:

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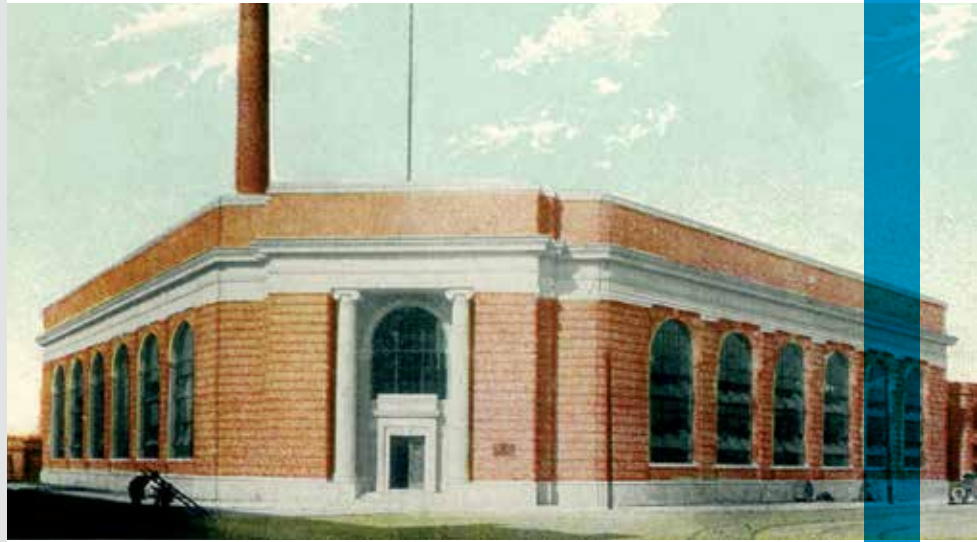
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WINTER 2018



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STRIVING TO ACCOMPLISH OUR RESOLUTIONS

KELLY GLEASON

Happy New Year! I hope you had a joyous holiday season. Welcome to the winter issue of *Michigan Water Works News*! Temperatures are falling and we've seen some snow – some of us more than others I am sure. Try to keep warm out there. Since I last wrote, fall was just beginning and the new leadership was taking their places. We sure experienced a wonderful Indian summer to finish

out the fall. I was a little sad I closed the pool on time for once, but it was still quite enjoyable to feel the heat and sun so late in the season. The Section held their annual Leadership retreat this past October and I was unable to attend, as my calendar took me to the Regional Pipe Tapping competition. I missed out on reflection of the past year and planning for the new year, but there's an update of the happenings on page 43.



As I mentioned, I was taken to Fairborn, Ohio for the 2017 Regional Pipe Tapping Competition. It was an action-packed competition, with L3 (Lansing Lethal Ladies) bringing back the title for the ladies' team. Did you know Lima, Ohio was the first men's team to win the National Title back in 1986? Tapping competitions have been around for a while and you can see the details of the competition results on page 28. Speaking of pipe tapping, the state competition is held during the Joint Expo & Operators Day at the Lansing Center. In addition to pipe tapping, catch the meter madness and hydrant hysteria competitions, along with some great training. The two-day conference held in February is always filled with information and valuable networking opportunities, so find more details on page 18 and mark your calendar.

As the new year begins, people make resolutions and strive to accomplish them during the year. My resolution this year is to increase my professional development. The Section has worked hard on creating and implementing the Michigan Water Academy and I have my eye on several of the great classes on the schedule. The training calendar and registration form can be found in the Training section. Register today for one of the many choices available.

As always, I'd love to hear about what you've been up to in the water world. Send pictures, stories and updates to kelly.gleason@lbwl.com with the subject line *Water Works News*. 💧

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THE DRIVE TO DO THINGS BETTER

CHRISTINE SPITZLEY, CHAIR

One of the things I have always admired about MI-AWWA is our constant drive to do things better. Our membership is dedicated to career-long learning and training. Technology is constantly changing and research is always revealing new things. As a Section, we continually work to improve the value of the services we offer our members to help them stay current and accomplish their individual professional goals.

The Michigan Water Academy is designed to “do it better”. It complements existing Section training and supplements state licensure, taking the learner beyond regulatory requirements, helping him/her demonstrate both skill and sound judgement. The goal for the Academy is to serve as a career progression pathway that helps water professionals advance within their organization and reach their long-term career goals.

The Michigan Water Academy has been designed with four levels, each building on the previous, to provide water professionals a well-rounded curriculum.

New employees or non-technical employees to the water sector can start with the Introductory Level.

INTRODUCTORY LEVEL

- Basic Water Works
- Basic Customer Service
- Basic People Skills

WATER APPRENTICE LEVEL

- Water Treatment Basics
- Safe Drinking Water Act
- Water Distribution Basics
- Intermediate Customer Service
- Water Sector Technology
- Career Planning

Upon completion of the Water Apprentice level, the learner receives a certificate of completion and is prepared to sit for state licensing exams.

“THERE’S A WAY TO DO IT BETTER. **FIND IT.**”

- THOMAS EDISON

WATER PROFESSIONAL LEVEL

- Source Water Management
 - Water Treatment Advanced
 - Water Distribution Advanced
 - Supervision and Management
 - Conflict Management and Resolution
 - Communications for the Water Professional Basic
 - Advanced Customer Service
 - Security and Emergency Planning
- Upon completion of the Water Professional Level, the learner is eligible to apply for the Water Professional credential.

MASTER WATER PROFESSIONAL LEVEL

- Environmental Awareness
- Board and Community Relations
- Communications for the Water Professional Advanced
- Rate Setting and Financial Management
- Asset Management
- Workforce Planning
- Strategic Decision Making
- Leadership for the Water Professional
- Technology in Water Management


Upon completion of this level, the learner would be eligible to apply for the Master Water Professional credential.

Two years ago, the Michigan Water Academy was an ambitious plan. One year ago, MI-AWWA leadership was researching and exploring how it could build and support the skills and expertise of Michigan’s water professionals. Last summer it became a reality as our first course, Customer Service I, launched in June. Customer Service II and III were offered in the fall and more courses are scheduled for 2018. We have found a better way.

Not all classes are available yet; many are still in development. Credentialing is in process. But even with a portion of the Academy curriculum currently available, we have already expanded opportunities for Michigan’s water professionals.

I recently had a conversation with another water professional who said “There is very little ego among Michigan water professionals.” Ever since, that simple statement has been rolling around in my head because although I had never thought of it that way, I knew what she said is true. But as we continue with curriculum development we need subject matter experts. We need our members to be a little **less** humble about their knowledge and expertise. We need a little **more** ego. We need YOU to step forward and share what you know! We need a host of experts willing to volunteer their time and talent to help the Section develop and review these new training options. Our collective talents will ensure a high degree of applicability for Michigan’s water professionals.

The Section is also looking for experienced professionals to conduct these trainings. Qualifications vary by course but all instructors must have a minimum of five years of professional service in the water sector. Each trainer will be provided a Trainer Onboarding program to ensure an understanding of adult learning best practices and a high degree of training proficiency.

Please consider benefitting all of us and the industry by sharing your knowledge, time and experience as we move forward together with the Michigan Water Academy. For more information on how to participate, contact Bonnifer Ballard at 517-292-2912 ext 1 or bballard@mi-water.org. 



ASSOCIATION INITIATIVES

MARK COLEMAN, DIRECTOR

IT WORKS!!!!

This has been a difficult year. From the massive forest fires in the West and Northwest, to earthquakes in Mexico and the devastating hurricanes along the southern areas of our country and



the Caribbean Islands, water utilities have had their hands full operating and managing their facilities in the face of extremely difficult challenges. Fortunately, many AWWA utilities have joined Water and Wastewater Agency Response Networks (WARNs), which allow utilities to share resources with one another during an incident using mutual aid and assistance agreements. The WARN cooperation agreements, in conjunction with planning and practicing, paid off during the actual emergencies. Using the established networks, AWWA's Kevin Morley coordinated regular, frequent conference calls from the AWWA Washington, DC office with the WARN teams to assist in the sharing of equipment and resources to address utilities' emergency needs without the red tape and "what do I do next" questions

typical of past emergency management responses. The WARN program worked where it was implemented, and is being improved based on implementation lessons learned.

Show your support for those water utility workers and first responders dealing with emergency conditions! Buy a "Helping Water Heroes" t-shirt like the one I wore when recently addressing the Ohio Section at their fall Annual Conference and Exhibition. Net proceeds from sales of all Helping Water Heroes t-shirts, created by AWWA and WARN, will be committed to emergency response efforts by water/wastewater utility personnel. The t-shirts can be ordered on line by simply going to the AWWA web site (www.awwa.org) and clicking on the "Helping Water Heroes" screen on the site's scrolling headline banner.

Following the playbook of the Michigan Section, the Association formed an AD HOC Board of Directors Governance Review Committee in 2015. The committee was tasked to look at AWWA's Governance to prepare it for the future by addressing the following questions:

- Does the current Board structure/function meet the future needs of the Association in terms of its Philanthropic Initiatives, Total Water Solutions, AWWA 2020, time availability, and increased membership value to name a few?
- Is the structure nimble and efficient?
- Is the Association getting the most from the time and talents of its Sections' Directors Board involvement? Led by Immediate Past-President Jeanne Bennett-Bailey, the committee has worked the past two years identifying,

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reviewing, evaluating and debating different ways to improve AWWA governance. Recently, the committee presented its final three recommended enhancements to the Board. The three areas of focus are:

1. Better use of Board members' time and expertise by changing the agenda and approach of Board meetings to allow more interaction and input from the Board Directors.
2. Better define role of the Executive Committee that is made up of the Presidential Officers and Vice Presidents elected from the Board Directors, and the six AWWA Council Chairs. The intent is for the committee's focus to be more on the business and operational aspects of running AWWA to streamline the decision-making process and allow more deliberation on these matters.
3. Expand the role and involvement of the Nominating Committee to encourage diversity and regular infusion of new ideas and viewpoints.

The committee hosted an interactive webinar on their recommendations with the various Sections leadership to obtain input prior to bringing it to the AWWA Board of Directors at their January, 2018 Board Meeting. The webinar is available for viewing and I encourage you to contact myself or any of the Michigan Section leadership for additional information.

Thanks for your attention!
Give me a shout if you would like additional information or simply want to chat. My contact information is mcoleman@wadetrim.com or you can easily find me on our Michigan Section website (www.mi-water.org). 💧

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NEW YEAR BRINGS NEW PROFESSIONAL DEVELOPMENT OPPORTUNITIES

BONNIFER BALLARD, EXECUTIVE DIRECTOR

In comes another year. The water sector continues much as it always has, but with added public scrutiny and pressure to do more with less. What's a water guy or girl to do?

The best way I find to combat the mounting stress at work is to seek ways to improve through professional development and networking.

The year promises a slew of new training classes offered by the Section together with our partners. There is a calendar in this issue to get you started, but you'll want to look for our training catalog available at Joint Expo & Operators Day this year in the MI-AWWA booth. I'm happy to say more classes and seminars will be available in new and different locations to reach more operators and others in the water sector.

If you're particularly overwhelmed by all the rule changes coming at you, I suggest you keep your eyes out for a new webinar series being offered in partnership with DEQ on rules. The series will provide an opportunity for you to hear about

rules implementation directly from DEQ staff. If you're not sure where you want to go in your career, try the "Career Planning for Water Professionals" class. There is always a smorgasbord of topics offered during the Section's Annual Conference & Exhibits (MI-ACE) scheduled for September in Kalamazoo. Registration for the conference opens in May for the most savings on registration. And if you don't see something of interest, just wait! More is coming.

You may not necessarily need a class, but rather dialogue with like-minded individuals dealing with similar issues. The Section will be offering a variety of networking events that bring water pros like you together to discuss both technical and non-technical topics.

Whatever you decide, MI-AWWA is here to help you navigate your daily challenges. And we're always looking for new ideas. Email ideas to feedback@mi-water.org.

Stay warm out there! 💧



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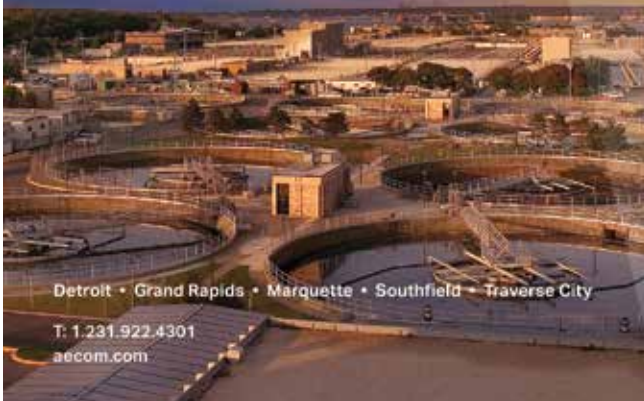
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GOVERNMENT AFFAIRS COUNCIL UPDATE


MI-AWWA Government Affairs Council members participated in the leadership retreat in October. Plans for the upcoming year were developed and a big focus of the Government Affairs Council was the proposed Lead and Copper Rule (LCR) Revisions.

The proposed LCR Revisions was a very active process with three stakeholders' meetings held in November, revised draft documents released in December and the public comments period slated for mid-January. Government Affairs Council Chair Molly Maciejewski from the City of Ann Arbor together with Randy Roost from the Lansing Board of Water & Light were members of the stakeholders group who represented MI-AWWA. Even though the stakeholders in the room seemed to have varied and sometimes competing interests, there were many shared sentiments, including concerns about the legality and timing of the proposed changes. A Member Summit was held in November to gather input directly from AWWA members and a coordinated effort is being undertaken to help members and others participate in the public comment period.

Currently there are no committees under the Government Affairs Council so the council will develop a task force to work on efforts related to specific legislation. The Council decided to create a LCR Revisions task force, which will be rolled out over the next year. The proposed LCR Revisions will have a lasting impact on not only municipalities and the water industry but most people in the state. The task force will seek to create regional groups throughout the state to provide information on the revised rule, to help water systems understand, and provide guidance through shared networking about how to prepare for the changes. Regional groups will be encouraged to share operational experiences that could help other municipalities in the framework of the revised rules. The groups will be asked to share processes and procedures used with success along with those that may have led to failure and lessons learned.

The task force will reach out to MI-AWWA members along with other groups around the state.

Currently the council is working to set up the regional groups. We are seeking individuals and groups of individuals working in municipal government concerned about proposed and future legislation impacting the water industry.

These people will be motivated to help shape future legislation and implementation of that legislation. Put your concerns and desire to help into action by setting up a regional group, joining a regional group or bringing an existing group with regional interests on board. Please contact Stephen Guy at sguy@cityoffenton.org. 



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YOUNG PROFESSIONALS COMMITTEE

The Young Professionals hosted a plant tour at the Wyoming Clean Water Plant on November 8, 2017, and had a great turnout. While we normally tour drinking water facilities, we had a large number of requests to tour Wyoming's clean water plant after we hosted a tour at their drinking water plant over the summer. Several attendees from different areas of the field, and different areas of the state, all came out to

participate and network. We held an update meeting prior to the tour where we discussed upcoming events and ways to get involved. We also hosted a mixer following the tour. The mixer gave attendees the opportunity to ask any questions they may have, and meet other professionals in the field. The overall response to the event was highly positive, and we are looking forward to the next tour. Thank you

again to Moore & Bruggink, Rockwell Automation, and Victaulic for sponsoring the mixer since events like these are so important to emerging young professionals. These events make it possible for YPs to broaden their network, and that type of benefit in this field goes unmatched. If you would be interested in hosting a tour or being an event mixer sponsor, please contact Jenna Karazim at jenna@karazim.us. 💧



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PROOF OF RATE TO REVENUE

by Tom Traciak

The Asset and Infrastructure Management (AIM) Committee, a joint committee of Michigan AWWA and MWEA, has as its first goal to provide information and training related to the development of Asset Management Programs. This article discusses one way to ensure adequate funding is being collected as part of an asset management program or rate review.

There is a fairly simple test that you can do that can prove to be very useful. I call it the "proof of rate to revenue". WAIT, don't turn the page! I know this sounds like boring accounting stuff, but this is not something that your auditor or anyone else is likely doing, and it can prove useful in planning and can catch problems that go unnoticed.

The proof is quite simple. First calculate your rate revenue depending on your rate structure:

- If your rate structure is based on Residential Equivalent Units (REU), multiply your REU count times your REU Rate.
- If your rate structure is based on a Base Fee, multiply your customer count times your Base Fee.
- If your rate structure is based on a Ready to Serve Charge (RTS) assigned by meter size, multiply your meter equivalents times your RTS Charge.
- If your rate structure is based on a Commodity Charge, multiply the billable volume times the Commodity Charge.

Remember, this calculated revenue figure should be for a one year period and not just for one billing period. You may have to combine a couple of these to get the total revenue picture, such as in the case of RTS Charge plus Commodity Charge. This should be done based on count and rate data for the most recent fiscal year. You can run into a problem in the Commodity Charge proof if you have volume included in their Base Fee or RTS Charge because there usually is no tracking of the actual billable flow as opposed to just what went through the customer meter.

Now you compare that calculated annual revenue number to the system revenue showing in your most recent fiscal year audit and/or budget. Be aware there may be other amounts baked into the system revenue line item in the audit or budget, such as penalties or contract revenues... you may need to check with your staff accounting person or auditor.

Did you tie out? If not, it is time to start digging. Here are some of the problems that I have found:

- Incorrect billing of commercial or industrial customers.
- Incorrect billing of volume related to "free volume" or "base fee volume".
- Lack of accurate or updated customer data.
- Error between meter read and billing software.

- Improper accounting of separate contract sales.
- Inaccurate budgeted revenue numbers. Understand that this is not part of a CPA audit test procedure. It is also not a budgeting practice of any community that I know of. Some of these have proven to be very expensive mistakes. However, this exercise is not just for the purpose of catching errors. Whenever you do a rate study or asset management plan this, without exception, needs to be part of the process. Simple reason is that if you don't have accurate customer data, the resulting rate you come up with is going to be wrong. This is compounded with longer term forecasting as many are doing with asset management financial planning.

If you are interested in joining the AIM committee, please contact committee Co-Chairs Sally Duffy at sduffy@hrc-engr.com or Deann Falkowski at defalkowski@ftch.com.

Tom Traciak, Principal, H.J. Umbaugh & Associates, has consulted on bond issues and rate studies to over 300 local units of government in Michigan since 1988, and is engaged in over one hundred SAW Grant projects. He is a member of the joint MWEA and MI-AWWA Asset and Infrastructure Management Committee.

COMMUNICATIONS COUNCIL

On the heels of the MI Section's Leadership Retreat, the Communications Council has updated its charter and developed a work plan for 2017-18. Over the coming year the Council will focus on the following tasks:

- Establishing the Michigan Section Brand
- Developing and implementing a social media strategy

- Developing and evaluating communication tools for section members and external customers
- Establishing the Michigan Section as the "go-to authority" on water quality issues in Michigan

The Council will provide updates on its progress over the coming year on

the Section's website and through Water Works News. If working on any of these tasks interests you, the Council is still pulling together work teams to tackle them. Please contact Brian Steglitz/Communications Council Chair at bsteglitz@a2gov.org to express your interest. 💧



PIECES FROM THE PAST

CITY OF GRAND RAPIDS WATER SUPPLY SYSTEM

BY THOMAS NEWHOF, PE

In the late 19th century, people were attracted to Grand Rapids by its abundant water supply provided by the Grand River as well as numerous water supply wells. After the civil war, in 1873, the City constructed a water works system using the Grand River as its water supply. Water was filtered through a bed of sand and gravel and stored in an open reservoir. Waterborne disease was prevalent, particularly typhoid fever and cholera.

Early in the 20th Century, a site for a water filtration plant was selected on Canal Street (later known as Monroe Avenue). In 1912, construction of the

Monroe Avenue Water Filtration Plant was completed. It was designed by Herring and Fuller, Engineers from New York City. George Warren Fuller has since become a hero of the American Water Works Association which established a prestigious award named after him. The plant was designed to treat Grand River water using the lime softening process, ten rapid sand filters and disinfection. Plant capacity was 20 million gallons per day (MGD).

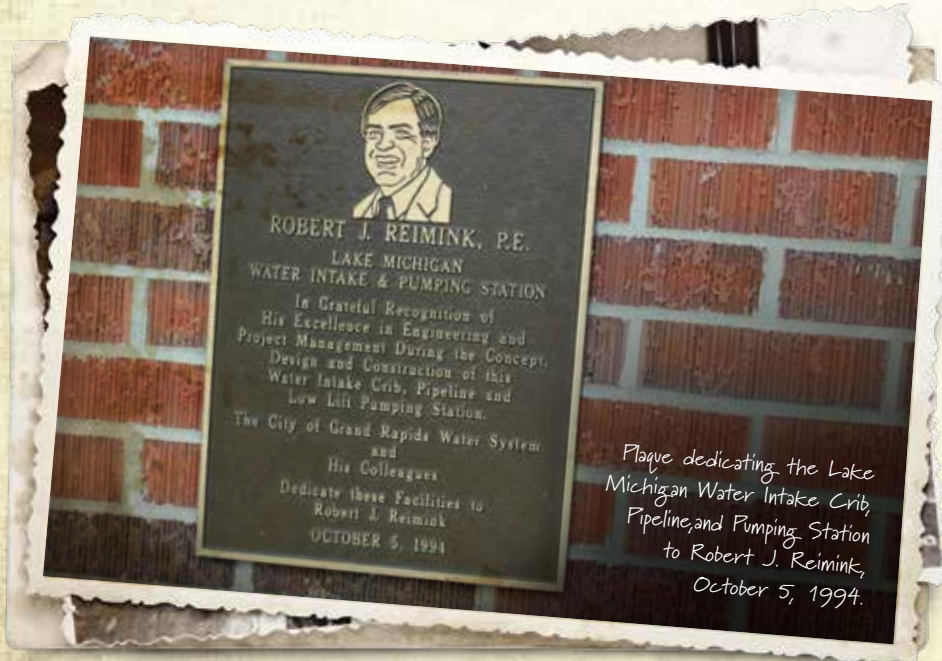
In 1924, continued growth of the city required more water and the plant capacity was expanded to 40 MGD. Ten more rapid sand filters

were added and the plant continued to provide lime softening of the Grand River water.

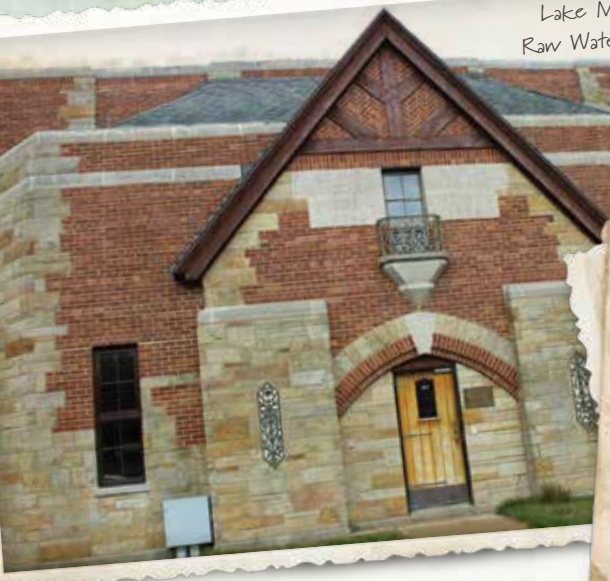
In 1939, water system improvements included construction of a raw water intake in Lake Michigan, a pumping station on the shore and a 46-inch pipeline on Lake Michigan Drive between Lake Michigan and the Monroe Avenue Filtration Plant. Because water from Lake Michigan was much cleaner than from the Grand River and did not require softening, capacity of the plant was increased to 60 MGD. Treatment was comprised of coagulation, settling and rapid sand filtration followed by disinfection with chlorine.

In January 1945, the City of Grand Rapids was the first city in the United States to fluoridate its water to prevent tooth decay.

Growth within the City continued; by 1960, service to some of the City's suburbs was also provided. Suburban customers included the cities of East Grand Rapids, Kentwood and Walker. The increased water demand resulted in construction of a new water filtration plant on the shore of Lake Michigan. The capacity of the Lake Michigan filtration plant was 60 MGD with the treated water being pumped through the 46-inch pipeline and distributed from the Monroe Avenue Treatment Plant to the City and its customers. The original Monroe Avenue Filtration Plant was maintained in a standby condition. So then, the total capacity of the water supply system was 100 MGD with 60 MGD from Lake



Lake Michigan Low Lift,
Raw Water Pumping Station.



Monroe Avenue Filtration Plant.



Michigan and 40 MGD from the Grand River treated by the Monroe Avenue Filtration Plant.

In 1979, the City of Coopersville became the first Ottawa County customer of the Grand Rapids Water System, receiving treated water directly from the 46-inch main between the Lake Michigan and Monroe Avenue plants.

Demand for water continued to increase; in 1992, the City constructed a second Lake Michigan intake and pumping station, expanded the Lake Michigan Filtration Plant and constructed a second pipeline (60-inch diameter) to the City of Grand Rapids via Fillmore Street in Ottawa County and Burton Street in Kent County. The capacity of the expanded system is 135 MGD from Lake Michigan.

The Monroe Avenue Filtration plant was decommissioned in 1992. The only source for the City of Grand Rapids water supply is now Lake Michigan with duplicate units including intakes, treatment plant units, and pipelines to provide reliability.

The new raw water pumping station was dedicated to its designer, Robert J. Reimink, P.E., a Prein & Newhof engineer and AWWA member who lost his battle with cancer in October 1994 just after the station was completed.

In 2000, a group of water professionals formed the Global Enterprise for Water Technology, intending to use the Monroe Avenue plant for a research facility. Financing efforts failed and the organization was terminated. The plant has since been converted to an office building. 💧

City Pump Station & Electric Plant, Grand Rapids, Mich.



231. Filtration Plant,
Grand Rapids, Mich.



JOINT EXPO & OPERATORS DAY

2018 PREVIEW • FEBRUARY 6–7, 2018

WWW.JOINTEXPO.ORG

The premier water conference of the Midwest, Joint Expo & Operators Day offers half day trainings on each day. And there is no better place than the Exhibit Hall to see all the most popular products and services available in the water/wastewater sector.

Trainings

Operators Day

Operators Day offers two different half-day trainings. Water and wastewater utility managers and operators should plan to attend either or both days.

This year's program will focus on maintenance audits, process monitoring of water and wastewater treatment, cyber security, mobile GIS, flow metering, and more. These trainings are extremely popular so register soon.

Onsite check-in opens at 7:15 am and training starts promptly at 8:10 am. Training includes continental breakfast and lunch in the Exhibit Hall. Each half day training offers 0.3 continuing education credits in the technical category for both water and wastewater licensed operators.

Registration required. Fee applies.

Infrastructure Finance Seminar

Specifically designed for water professionals responsible for addressing the challenge of maintenance and acquisition of new infrastructure, this half day seminar on Tuesday will take utility leaders through various approaches to managing your system's infrastructure needs.

Onsite check-in begins at 8:00 am and the program begins at 8:30 am. Continental breakfast and lunch in the

Exhibit Hall are included. This training offers professional development hours only. CECs are not currently available.

Registration required. Fee applies.

Participants are asked to register by January 24, 2018. For questions about Operators Day and Infrastructure Finance Seminar, call MWEA at 517-641-7377.

Young and Emerging Professionals Round Table

The "YEP" Round Table has become an annual tradition and offers students and young professionals an opportunity to interact around the topic of a career in the water sector. Anyone interested in discussing a career in water or wastewater is encouraged to attend. Water professionals, including hiring managers, as well as students are expected to participate.

Registration is complimentary but required.

Exhibit Hall

More than 150 companies spread over 30,000 square feet allow attendees to talk to consultants, put hands on products, try out software, and examine heavy equipment up close. Walking the Exhibit Hall, licensed water and wastewater operators can earn 0.2 CECs. Exhibit Hall hours are Tuesday, February 6, 10:00 am to 4:00 pm and Wednesday, February 7,



9:00 am to 2:00 pm. See the list of participating companies on page 20 to plan your visit.

For safety reasons, children under 18 are not allowed in the Exhibit Hall unless accompanied by an adult at all times. Outside food is not permitted in the Lansing Center.

Registration to walk the Exhibit Hall is complimentary but is required. Be sure to pre-register at www.jointexpo.org to make check-in easy.

Companies interested in exhibiting should visit www.jointexpo.org for information on current availability.

Host Booths

MI-AWWA and MWEA each have booths in the Exhibit Hall and will be validating CEC slips for those walking the Exhibit Hall. Registrations to the 2018 Annual Conferences of both organizations will be given to attendees by random drawing. Get involved, find out what's coming for the year, and more by visiting the host booths.

Clean Water for All

Both Safe Water in Ecuador and Water for People committees will have booths in the Exhibit Hall as well. The MWEA Water For People booth will again feature those hard to find, one of a kind, toilet themed items that have proved so popular at past events. Look for the Spin to Win and silent auction opportunities to support Water For People, a WEF Charity of Choice. Committee members will be out in force to update members on progress in the countries served and on the 2018 fundraising projects. Want to know more about the WFP Committee? Join them upstairs after the Expo closes on Wednesday for a meet and greet committee meeting.

Scavenger Hunt

Get the most out of your time in the Exhibit Hall by participating in the Scavenger Hunt coordinated by the young professionals in MI-AWWA and the emerging professionals in MWEA. A fun way to make your way around to the different exhibitors, participation is free and participants are eligible to win prizes throughout the day with the top prizes being awarded to participants who attend the Joint Expo Mixer held after the Exhibit Hall closes the first day. Sign up onsite.

Scavenger Hunt sponsors

- DN Tanks
- Ford Meter Box
- HESCO
- JETT Pump & Valve
- Kenney Industries
- SW Controls
- UIS Scada

Companies interested in participating in the Scavenger Hunt, please contact MI-AWWA staff at 517-292-2912 ext 2.

Scavenger Hunt and Joint Expo Mixer sponsors

- Victaulic

Come enjoy a snack and a beverage after the exhibits close on Tuesday, February 6. This networking event for water professionals will be held at the Lansing Brewing Company and is hosted by the Young and Emerging Professionals Committees.



Competitions

When you're in the Exhibit Hall, check out the competitions happening. Teams from around the state come to Lansing to compete in tapping a water main, putting together a water meter, and putting together a fire hydrant. Seating is available so attendees can watch the action. Teams who win at Joint Expo are declared state champions and then go on to compete nationally at the AWWA Annual Conference & Exhibits in Las Vegas in June.

For information on entering a team for one of the contests, please contact MI-AWWA Contest Committee Chair Mike Schlegelmann at info@mi-water.org.

Water Main Tapping Contest

The MI-AWWA Water Main Tapping Contest will be held in the northwest corner of the Exhibit Hall on Tuesday, February 6 from 1:00 pm to 4:00 pm. This spirited competition is a high-energy contest where three-person teams race against the clock and each other to drill into a cement-lined ductile iron pipe by hand and install a tap connected to a simulated water service line.

Meter Madness

Held Wednesday, February 7, individuals test their skills to assemble a water meter from a bucket of parts. Competitors have to know their meters. There might be an extra part or two in the bucket just to throw them off.

Hydrant Hysteria

A fast-paced competition where two-person teams assemble a specified hydrant as quickly as they can, this exciting competition is Wednesday, February 7.

Registration

Registration forms may be found on page 22 for Operators Day and page 24 for the Infrastructure Finance Seminar. You may also register online for trainings. Registration for the Exhibit Hall and the YEP Round Table must be done online at www.jointexpo.org. Those registered for training or the YEP Round Table automatically gain access to the Exhibit Hall.

You must register for Operators Day and/or the Infrastructure Finance Seminar by January 24, 2018. If registrant cancels 10 days or more prior to the program, a 100% refund will be issued. If cancellation is less than 10 days before the program, fees based on expenses will apply. No refunds are made if cancellation is after the program date. Registration can be transferred to another person in your organization any time. Please communicate any changes to the MWEA office at 517-641-7377.

Parking

With more than 1,000 people visiting the Lansing Center each day of Joint Expo & Operators Day, parking is a challenge. Please allow extra time to find parking and make your way to the convention center. For your convenience, a parking map is included on page 23. City of Lansing and Lansing Convention & Visitors Bureau staff will be available near the Lansing Center to help direct attendees to available parking.

Lodging

If hotel accommodations are needed, reservations and payment are the individual's responsibility. The Lansing Radisson Hotel is connected to the Lansing Center by pedway. Phone 517-482-0188 to make reservations and refer to Promotional Code AWWA18.

Please visit www.jointexpo.org for the latest information on Joint Expo & Operators Day.

JOINT EXPO — & OPERATORS DAY —

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2018 OPERATORS DAY ATTENDEE REGISTRATION

Training on Tuesday, February 6 & Wednesday, February 7

Dates Attending Operators Day:

Tuesday, February 6 (\$110.00)

Wednesday, February 7 (\$110.00)

BOTH Tuesday & Wednesday (\$220.00)

Attendee Name: _____ Title: _____

Company/Employer: _____

Attendee Email (Required): _____

(Registration confirmations can only be sent via email)

Address: _____

City: _____ State: _____ Zip: _____

Cell #: (____) _____ Work #: (____) _____

Yes, I want CEC Credit! (Check all that apply)

Drinking Water CECs – Operator ID# _____

Wastewater CECs – (no ID# required)

Check all that apply:

Municipal Industrial Distribution Collection Management Plant Operations

Maintenance Vendor Consultant Contractor Laboratory

PAYMENT

Check Enclosed \$ _____

Please make check payable to MWEA, mail to: MWEA, PO Box 397, Bath, MI 48808

Credit Card \$ _____ Visa MasterCard AMEX

Account #: _____ Exp: _____ / _____

Please enter billing address of credit card:

Signature: _____

Please Note

Registrations received by mail or FAX without payment (check, money order, credit card or purchase order no.) will be processed **only after the registration deadline**, January 24, 2018, space permitting. By sending in this registration, you are registering for **Operators Day**; attending Joint Expo exhibits is free and does **not** require a separate registration.

PARKING

With more than 1,000 people visiting the Lansing Center each day of Joint Expo & Operators Day, parking is a challenge. Please allow extra time to find parking and make your way to the convention center. For your convenience, a parking map is included. City of Lansing and Lansing Convention & Visitors Bureau staff will be available near the Lansing Center to help direct attendees to available parking.

Lansing Center Event Parking

Directional parking signs will be nearby, and any parking assistant wearing a neon yellow vest can answer additional questions. Thank you for coming to Greater Lansing!



A **Lansing Center**
333 E. Michigan Ave.
Lansing, MI 48933
Cash or credit.

B **North Grand Ramp**
219 N. Grand Ave.
Lansing, MI 48933
Cash or credit.

C **North Capitol Ramp**
320 N. Capitol Ave.
Lansing, MI 48933
Cash or credit.

D **Yellow Cab / Lot 49A**
429 S. Cedar St.
Lansing, MI 48933
Cash only.

A **College Bike Shop**
340 N. Larch St.
Lansing, MI 48912
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What type of membership do you have? (Select all that apply):

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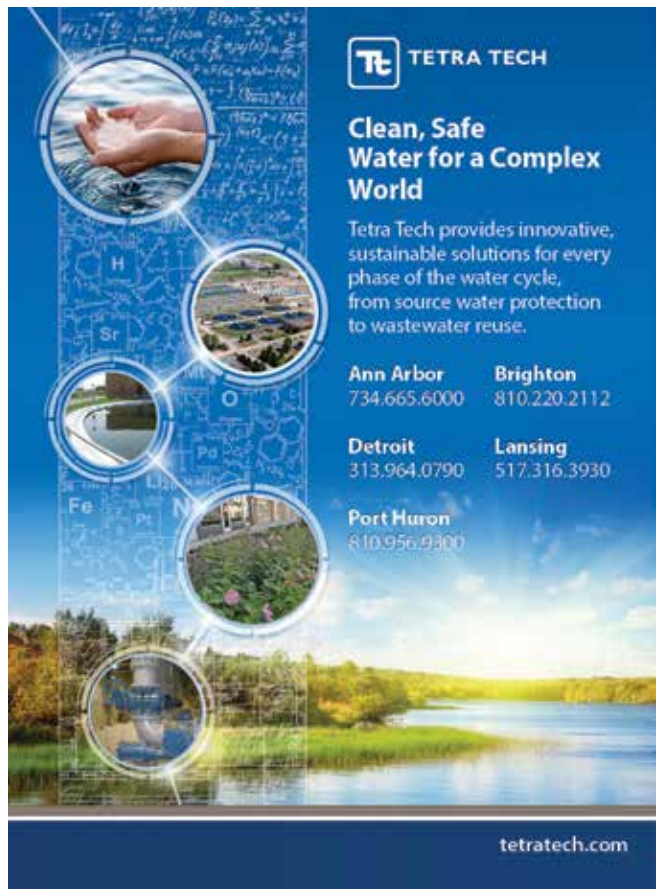
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MI-ACE 2018

The Michigan Section of AWWA is now seeking abstracts and presentation ideas for MI-ACE 2018.

Are you working on an interesting or challenging project? Have you found a way to solve a problem that you think others could benefit from? Did you just save your community money with a chance you've made? The Annual Conference Program Committee is now accepting abstracts and would love to hear from you.

Topic ideas include:

- Financial planning and rate setting
- Management issues
- Asset management
- Water quality and sampling methods
- Operations and maintenance
- Water Treatment Processes
- Distribution practices
- Pump and valve maintenance
- Customer service
- Information technology
- Research
- Safety procedures
- Source water or wellhead protection
- Storm water management
- Workforce development
- Or your own fresh idea

Please visit the Section's Annual Conference page to submit your abstract or presentation idea.
www.mi-water.org/?page=MIACE

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Great Lakes Cup – Regional Tapping Competition

BY BETH ZIMPFER

Each fall, pipe tapping teams from any state bordering one of the Great Lakes are invited to the Great Lakes Cup Regional Pipe Tapping event. This event began in 2013 to bring the Midwest competitors together to help improve the competition and give the teams practice for the national competition held each June. This year's event was held in Fairborn, OH, where the pipe tapping competition originally began several years ago.

During the competition, teams simulate the installation of a new house water service, which includes installing a copper line, and adding an on-off valve at the water main and curb stop. This is all timed and penalties are assessed for various violations from minor leaks to any safety violations that might occur.

This year's Great Lakes Cup saw some impressive times from many of the teams. On the men's side, the team from Columbus, OH took the win with an amazing personal best

of 1 minute, 13.78 second run over the returning champions 4 Horsemen of Arlington Heights team (Arlington Heights, IL 1:27.37), third place Troy Tappers team (Troy, MI 1:35.31), and fourth place Michigan Tappers team (Lansing, MI 2:05.53).

The women's side also saw an upset from last year's Regional competition, with the four-time national champion Lansing Lethal Ladies beating the returning Great Lakes Cup champions from Cincinnati, OH. The Lansing Lethal Ladies threw down a 2 minute, 40.94 second run to beat the second-place Chicago, IL team by a mere 0.72 seconds (Chicago, IL 2:41.66, a personal best for the ladies), and the third-place Ductile Iron Divas (Cincinnati, OH 2:55.0).

Next up for the Michigan teams will be the Joint Expo & Operators Day February 6 & 7 at the Lansing Center in Lansing, MI. The winners of the competitions will then compete in Las Vegas, NV for the national titles June 11-14, 2018. 💧

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MI-AWWA Online: getting the most out of *www.mi-water.org*

Hopefully, you've logged into your web profile at least once. (See the Fall 2017 issue for a reminder of how.) The most active sections of the website are the training calendar and career center. We're going to look at the training calendar.

First, you can get to the calendar three different ways: the main page, the menu options, and a link from a sub-page.

Second, you can filter the calendar on the different types of events the Section holds. This will limit what is displayed to the types of events you want to see. So for example, if you just want to see what trainings are coming up, you select the training type in the drop down menu. If you want to just see conferences, you select that type. And so on.

Finally, there are several features to each event listed on the calendar: the event name with a brief description that pops up when you roll over the event name, location, the export to calendar function, and the register button. The event name also serves as a link that takes you to a detailed event page that provides program agenda details and other information of which you should be aware. The Register link takes you directly to a registration form for that event. Remember, if you aren't sure about the details, click on the event name first. The Register button is on the event detail page as well and you can register from there.

And always log in – you get the most savings when you log in before registering for an event. 💧



Vote On Section Bylaws

During 2017, AWWA updated the template for Sections to use for bylaws. At the same time, some members discovered some language that presented some challenges in efficiently running the business of the Section. So, the Board decided to update the Section's bylaws to address both issues.

What follows is a copy of the bylaws showing all changes marked in red. The changes have been reviewed by numerous parties and are now presented to the membership for approval.

To vote, please send the ballot below to the attention of the Section's volunteer parliamentarian using the information on the ballot.

Voting is open from January 10, 2018 through February 10, 2018. Ballots must be post marked or time stamped by fax or by online log in no later than 11:59 pm on February 10, 2018 to be counted.

MICHIGAN SECTION AWWA BYLAWS BALLOT 2018

The Michigan Section of AWWA (MI-AWWA) is seeking your approval to update the bylaws as indicated by the marked-up version delivered to members via the Section's magazine and posted on the Section's website. Please cast your vote on the following question:

Do you approve the proposed changes to the bylaws as indicated?

Yes No

Name: _____

Employer: _____

AWWA Member #: _____

**Ballots must be submitted
by 11:59pm on February 10, 2018**

Return to:
MI-AWWA
Attn: Parliamentarian
PO Box 150469
Grand Rapids, MI 49515
Fax 517-292-2912
Online www.mi-water.org



BYLAWS OF THE MICHIGAN SECTION of the AMERICAN WATER WORKS ASSOCIATION

Approved by the membership November 2015
Approved by the AWWA Board January 2016

Draft July 14, 2017
Attorney review
Section Services review August 11, 2017
Section Board review September 11, 2017
AWWA Executive Committee review October 20, 2017

ARTICLE I NAME

The name of this organization shall be the Michigan Section of the American Water Works Association (hereinafter the Section). The American Water Works Association shall hereinafter be referred to as "AWWA" or "the Association."

ARTICLE II OBJECTIVES

The objectives of this Section are to promote public health, safety, and welfare through improvement of the quality and quantity of water delivered to the public and the development and furtherance of understanding of the problems relating thereto, ~~as noted in the AWWA Articles of Incorporation and the Section Articles of Incorporation by~~

- a) Advancing the knowledge of the design, construction, operation, water treatment, and management of water utilities and developing standards for procedures, equipment, and materials used by public water supply systems;
- b) Advancing the knowledge of the problems involved in the development of resources, production and distribution of safe and adequate water supplies;
- c) Educating the public on the problems of water supply and promoting a spirit of cooperation between consumers and suppliers in solving these problems; and
- d) Conducting research to determine the causes of problems of providing a safe and adequate water supply and proposing solutions thereto in an effort to improve the quality and quantity of the water supply provided to the public.

ARTICLE III HEADQUARTERS & OPERATIONS

- 3.1 Headquarters of the Section shall be at the office of the Secretary-Treasurer, except as some other location may be specifically designated by the Section ~~governing B~~board (hereinafter referred to as the "Board of Trustees" or "Board").
- 3.2 ~~These Bylaws and A~~all matters pertaining to the operation of the Section shall be ~~in accordance~~ constructed to be consistent with the Articles of Incorporation, Bylaws, ~~and the~~ Board Policy Manual of the Association, ~~and the~~ Affiliation Agreement between the Section and the Association, ~~(collectively, the "AWWA Documents") and with these Bylaws and the Michigan Section — AWWA Board policies and guidelines.~~ In the event of any conflict between these Bylaws or the policies and procedures of the Section and the AWWA Documents, the AWWA Documents shall control.

ARTICLE IV MEMBERSHIP

- 4.1 The membership of the Section shall consist of ~~all the those~~ members of the Association in good standing who ~~residing in or haveing~~ a principal business activity in the State of Michigan, ~~including members with primary membership in another Section~~ (multi-section members), or those assigned to the Section by the Chief Executive Officer of the Association (hereinafter, "Members").
- 4.2 The geographic boundaries of the Michigan Section are defined as the State of Michigan.

ARTICLE V ~~ELIGIBILITY TO VOTE~~VOTING BY MEMBERS

- 5.1 ~~All m~~Members of the Section in good standing, including multi-section ~~m~~Members, are eligible to vote. ~~Each Member shall have one vote.~~
- 5.2 Occasions where a vote of the membership is required include: the election of Section Board Members, as described herein; approval of a proposed amendment of these Bylaws; approval of a special dues assessment of the Section membership; or any other event for which the Board requires a vote of the Section membership.

- 5.3 Except as otherwise specified in these Bylaws, the required vote to approve any matter put before the Members shall be two-thirds of 25% of the Members in good standing on the date of the vote, provided, however, that the Board of Trustees may resolve, in its discretion, to require only the vote of a majority of the Members present at a meeting of which either written notice or other electronic transmission was delivered to all such Members at least ten (10) days before the date of the meeting (a "Fully Noticed Meeting"), and may establish and disseminate a specific voting process and procedure for other matters placed before the Members.
- 5.4 The vote necessary for the Members to elect one or more trustees to the Board of Trustees is set forth in Section 7.7 of these Bylaws.
- 5.5 Members may, to the extent permitted by law, take action without a meeting by means of a unanimous written consent to action signed by a majority of the Members in good standing on the date of the action.
- 5.6 The Board of Trustees may request Members vote on matters outside of the Annual Business Meeting or Special Meetings. Such vote may include a mail-in ballot, an electronic ballot, or other electronic means. Electronic voting may include, without limitation, such means as fax, e-mail, or web-based balloting, or other means consistent with the laws of the State of Michigan. Procedures for facilitating participation by electronic means, and verification of the Member's identity and eligibility are contained in the Section's policies and procedures documents.

ARTICLE VI SECTION FINANCES

- 6.1 The Section shall establish a Finance Committee to assist in the administration of its finances. The Finance Committee shall be chaired by the Secretary-Treasurer and include as its members at least two at-large members and the Past Chair. The Finance Committee is responsible for recommending financial policies, goals, and budgets that support the mission, values, and strategic goals of the Section. The committee also reviews the organization's financial performance against its goals and proposes major transactions and programs to the Board. A quorum for the Finance Committee shall be three (3) members.
- 6.2 ~~Dues:~~ Dues shall be assessed against ~~m~~Members, as required for membership in ~~the Association~~AWWA. Only the Association can determine and collect dues and assessments. Funds for financing Section activities may be obtained from sources consistent with the policies of the Association.
- 6.3 The Section may, in accordance with the procedures defined in the ~~Board Policy Manual and established~~AWWA Documents as well as other guidelines of ~~the Association~~established by AWWA, apply for permission to levy a Section dues assessment. The Section dues assessment would be levied annually at the time of membership renewal, and the revenue collected would be used to increase funds available for Section uses consistent with ~~Association~~ objectives and ~~policies~~in Article II. Once the initial Section dues assessment is approved, changes in a Section dues assessment can be authorized by a vote of the Board of Trustees for submission to and approval by the ~~Association~~AWWA Board of Directors.
- 6.43 ~~Fees:~~ The Section reserves the right to collect fees for Section activities and events, as appropriate (e.g., registration fees for the Annual Conference, ~~teleconferences~~, and other educational programs). Such fees will be established in accordance with these Bylaws, the Section Board policies and guidelines, and the ~~Board Policy Manual and Bylaws of the Association~~AWWA Documents.
- 6.54 ~~Financial Controls:~~ All The Section's finances shall be managed in accord with these Bylaws, the Section Board policies and guidelines, the Board Policy Manual and Bylaws of the Association, and all applicable financial rules and regulations of the State of Michigan. The Section shall conduct a financial audit or review no less than once every three years. A copy of the audited or reviewed financial statement shall be provided to the Association. The audit or review shall be conducted by an independent third party certified public accountant who is ~~neither an~~ not employed or affiliated with (a) any employee or independent contractor of the Section involved with the Section's finances nor (b) any officer or non-officer trustee of the Section. ~~of the Section nor member of the Board. A copy of the audited or reviewed financial statement shall be provided to the Association.~~
- 6.65 ~~Faust Scholarship:~~ The scholarship endowment named for Raymond Faust shall be maintained in an account separate from any other Section Funds. The fund will be administered by the Section Secretary-Treasurer, and a financial report shall be presented at each Annual Business Meeting.

ARTICLE VII SECTION GOVERNANCE

7.1 DEFINITIONS

- 7.1.1 Council. A group of ~~seven to nine~~ individuals led by a Chair and Vice-Chair that is responsible for implementing specific strategic planning goals of the Section.
- 7.1.2 Committee. A group of individuals led by a Chair or Co-Chairs that is responsible for implementing specific tasks on an ongoing basis.

- 7.1.3 Standing Committee. A committee that is specified in the ~~b~~Bylaws and has an ongoing responsibility.
- 7.1.4 Task Force. A group of individuals led by a Chair or Co-Chairs that is responsible for implementing specific tasks on a short term basis.

7.2 Authority and Purpose of the Board

The property, affairs, and business of the Section shall be managed by the Board of Trustees, and the Board of Trustees shall have full power to establish and modify the policies for the conduct, management, and direction of the business and affairs of the Section, except for those matters specifically reserved or granted to the Members by these Bylaws, the Section Board policies and guidelines, AWWA Documents, and all applicable regulations of the State of Michigan.

- 7.2.1 The governing body of the Section shall be the Board of Trustees ("Board"). The Board shall execute Section business in accordance with the Bylaws, the Section Board policies and guidelines, and the ~~Articles of Incorporation, Bylaws, and Board Policy Manual of the Association~~AWWA Documents.
- 7.2.2 The Chair ~~and/or the Board of Trustees~~ shall ~~be given~~ have the power to create and dissolve committees and task forces as needed in order to carry out the business of the Section. The Board ~~shall be given~~ reserves to itself the power to create and dissolve Councils.
- 7.2.3 ~~The Section shall establish an Executive Committee.~~ The Executive Committee shall ~~be given~~ have the ~~power~~ limited authority, as described herein, to execute Section business in between Board meetings in accordance with the Bylaws, the Section Board policies and guidelines, and the ~~Articles of Incorporation, Bylaws, and Board Policy Manual of the Association~~AWWA Documents. This authority is limited to business that requires immediate action and cannot wait until the next scheduled Board meeting or a special Board meeting. The action shall be consistent with previous Board decisions and shall be reviewed and confirmed with the Board at the next available Board meeting. ~~The Executive Committee shall consist of the Chair, Chair-Elect, Past Chair, Secretary-Treasurer, and Director. A quorum for the Executive Committee shall be three (3) Members.~~

7.3 Authority and Purpose of the Executive Director

- 7.3.1 The Executive Director shall be the chief of staff for the Section ~~and an officer of the corporation.~~ As such, the Executive Director shall supervise and have general charge of the operations of the Section and shall assist the Board members in carrying out the policies, programs, orders, and resolutions of the Board.
- 7.3.2 The Executive Director reports to the Board. He/she shall attend all business meetings of the Section and the Board, but shall not have a vote on matters brought before the Board. The Executive Director shall be retained as an employee of the Section, the terms of which will be stated in an employment contract. The Executive Director's work performance shall be reviewed ~~by the Board~~ as indicated ~~in the employment contract and~~ the Board policies and ~~guidelines~~ procedures.

7.4 Members and Structure of the Board

- 7.4.1 The Section shall be governed by its Board of Trustees, consisting of a chair, chair-elect, past-chair AWWA Director, a secretary-treasurer, and six non-officer trustees.~~The Board shall consist of the following members:~~
- ~~(a) — Chair~~
 - ~~(b) — Chair-Elect~~
 - ~~(c) — Secretary-Treasurer~~
 - ~~(d) — Director~~
 - ~~(e) — Past Chair~~
 - ~~(f) — Six Trustees~~

~~The Executive Committee shall consist of the Chair, Chair-Elect, Past Chair, Secretary-Treasurer, and Director.~~

- 7.4.2 The voting members of the Board shall consist of the Chair-Elect, Secretary-Treasurer, Director, Past-Chair, and Six Trustees. The Chair will only vote in the case of a tie. A quorum of the Board shall consist of at least six voting members.
- 7.4.3 The representation of the Board members should reflect the diverse membership of the Section, including, but not limited to, geographical locations, membership categories, utility size, gender, and ethnic origins. The Section will strive to recruit Board members (Section 7.4.1 ~~a-g~~) (a) from the Upper Peninsula of Michigan and (b) from either the area of the Lower Peninsula north of Town Line fifteen or (c) from any district, area, or community in the Lower Peninsula maintaining water service to a population under 10,000 persons at the most recent Federal Census.

7.5 Eligibility to Serve on the Board

- 7.5.1 Any member in good standing of the Section, including a multi-section ~~m~~Member, shall be eligible to hold elective office in the Section.
- 7.5.2 Multi-section members may hold office in only one ~~s~~Section at a time.

- 7.5.3 Two or more offices may not be held by the same individual, ~~with the exception of the offices of secretary and treasurer.~~
- 7.5.4 To become Director of the Section, the person nominated shall be a member in good standing and shall have previously held the position of Section Chair. Should no candidate meeting these criteria be available or willing to serve, the person nominated shall be a ~~m~~Member in good standing and shall be a present or past member of the Board.

7.6 Nomination for Members of the Board

- 7.6.1 Not less than 90 days prior to the Annual Business Meeting of the Section, the Chair shall appoint a ~~n~~Nominating ~~e~~Committee of seven members consisting of the incumbent Director, the incumbent Chair-Elect, three Trustees, and two at-large ~~m~~Members, in good standing. The at-large ~~m~~Members shall be appointed in accordance with the Section Board policies and ~~guidelines~~procedures. The incumbent Director shall be Chair of the committee. In the years when there is an incumbent Director and incoming Director, the incoming Director shall be Chair of the committee and the incumbent Director will be the eighth member of the committee. ~~A quorum of the Nominating Committee shall be four (4) Members.~~
- 7.6.2 Nominations for the Board of Trustees shall be solicited in accordance with the Section Board policies and ~~guidelines~~procedures from general membership and by recruiting ~~m~~Members meeting the criteria in Section 7.4.3. Self and peer nominations are both encouraged.
- 7.6.3 The ~~n~~Nominating ~~e~~Committee shall report to the Board of Trustees nomination of one or more members for each office to be filled allowing sufficient time for announcement of the nominations by the Secretary-Treasurer to the membership at least 60 days prior to the Annual Business Meeting.
- 7.6.4 ~~Written n~~Notice of all nominations shall be made available ~~for distribution~~ to the membership prior to the election ~~by written notice or electronic transmission, consistent with the laws of the State of Michigan.~~ The notice shall indicate which members were nominated by the ~~n~~Nominating ~~e~~Committee.
- 7.6.5 The Director shall be nominated in a manner consistent with ~~and for a term consistent with~~ Article III of the Bylaws of the Association.

7.7 Election of Members of the Board

- 7.7.1 Members of the Section Board of Trustees may be elected either during the Annual Business Meeting ~~or a Fully Noticed Meeting~~ of the Section or, if approved by the Section Board of Trustees, by ~~letter ballot any other process consistent with the laws of the State of Michigan.~~ The voting process should be established and administered by the Board in accordance with these ~~b~~Bylaws, the Section policies and procedures, and the AWWA Documents. ~~Bylaws and Board Policy Manual of the Association and include the following elements:-~~
- ~~a. There shall be a ballot system that establishes a system that tracks who voted, while maintaining the appropriate level of confidentiality.-~~
 - ~~b. All members in good standing including multi-section members shall be eligible to vote.-~~
 - ~~c. Balloting outside of the Business Meeting shall end at least 30 days (as determined by the postmark or date of email) before the opening of the Business Meeting.-~~
 - ~~d. There shall be adequate time from the time of receipt of the ballots by the members until balloting is ended.-~~
 - ~~e. Each ballot shall clearly state the nominees for each office for which they are candidates.-~~
 - ~~f. Election shall be made by plurality of all votes cast for each office. In cases of a tie, the Board members shall be polled to select which of the tied candidates shall be chosen. A majority of the Board shall be required for the election.-~~
- ~~Any voting procedure determined by the Board shall remain in effect until changed by the Board. The effective date of any change shall be at least 30 days before nomination of candidates for the next regular election.-~~
- 7.7.2 Voting at the Annual Business Meeting or a Fully Noticed Meeting:
- a. The Section desires and shall strive to maximize participation by the Members in the election of the members of the Board of Trustees at the Annual Meeting or a Fully Noticed Meeting. However, in accordance with Section 5.3 of these Bylaws, the Board of Trustees reserves the right to require only the vote of a majority of the Members present.
 - b. A method of determining voter eligibility and recording the votes cast shall be implemented.
 - c. The candidate receiving the greatest number of votes for an elected office at the Section's Annual Business Meeting or at a Fully Noticed Meeting shall be elected to the office even if that candidate receives less than a majority of the votes cast. If more than one seat of the same office, such as a non-officer trustee, is up for election at the same meeting, then the Board of Trustees will hold separate votes for each available seat. In cases of a tie, the Board members shall be polled to select which of the tied candidates shall be chosen.

- 7.7.3 Voting by mail, electronic, or other means:
- a. The voting process shall be established by the Board of Trustees in accordance with the laws of the State of Michigan and with the Section policies and procedures.
 - b. A method of determining voter identity and eligibility and for recording all ballots received shall be implemented.
 - c. Proper notice shall be provided, shall include clear and unambiguous instructions to the Members, and clearly state the nominees for each office being decided. If more than one seat of the same office, such as a non-officer trustee, is up for election, then the ballot will contain separate votes for each available seat.
 - d. Balloting outside of the Business Meeting shall end at least 30 days (as determined by the postmark for mailed ballots or transmittal date for electronic and other transmission) before the opening of the Business Meeting.
 - e. There shall be adequate time from the time of receipt of the ballots by the Members until balloting is ended.
 - f. The candidate receiving the greatest number of votes for an elected office when mailed or electronic ballots are tallied shall be elected to the office even if that candidate receives less than a majority of the votes cast. In cases of a tie, the Board members shall be polled to select which of the tied candidates shall be chosen.
- 7.7.4 Any voting procedure determined by the Board shall remain in effect until changed by the Board. The effective date of any change shall be at least 30 days before nomination of candidates for the next regular election.
- 7.7.5 The Director shall be elected in a manner consistent with Article III of the Bylaws of the Association.
~~The Director shall be elected in a manner consistent with Article III of the Bylaws of the Association.~~
- 7.8 Terms of Office for Section Board of Trustees**
- 7.8.1 The AWWA Director shall be elected for a term of three years or as otherwise required by the Bylaws of the Association.
- 7.8.2 The term of the Chair-Elect, Chair, and Past-Chair will each be one year, with a three-year progression through the positions as listed above. The term of the Secretary-Treasurer shall be three (3) years. These terms shall commence and expire on the first business day following the Annual Business Meeting at which they are elected or succeed to office.
- 7.8.3 The positions of chair, chair-elect and/or past chair, do not allow for back-to-back terms.
- 7.8.4~~3~~ The term of office of a non-officer Trustee shall be three years and shall commence and expire at the same time as the officers described in Section 7.8.2.
- 7.9 Vacancies on Section Board of Trustees**
- 7.9.1 In the case of a vacancy in the office of Chair, Chair-Elect, Past Chair, Secretary-Treasurer, or non-officer Trustee, the Board shall appoint a suitable replacement to complete the term of the vacant position by resolution by a majority of the votes of such members at a duly called meeting of the Board. The voting members of the Board may by resolution passed by a majority of not less than two-thirds (2/3) of the votes of such members at a duly called meeting of the Board, allow the vacancy to be filled by the nomination and election process described in Sections 7.6 and 7.7.
- 7.9.2 In the case of a vacancy in the office of AWWA Director, the Board shall appoint a member to fulfill the unexpired term. The Section Chair or Secretary-Treasurer shall notify the Chief Executive Officer of the Association of such selection.
- 7.9.3 The voting members of the Board may, by resolution passed by a majority of not less than two-thirds (2/3) of the votes of such members at a duly called meeting of the Board, remove any Board member before the expiration of his or her period of office if the Board member fails to carry out the responsibilities of elected or appointed office as so determined by the Board. A vacancy created by the removal of a Board member may be filled in accordance with the procedures described in Section 7.9.1
- 7.9.4 A vacancy created by the resignation, death, disability, or removal of a Trustee may be filled by a majority vote of the Board of Trustees or, if not so filled, by the Members at a Fully Noticed Meeting.
- 7.10 Duties of the OfficersBoard of Trustees**
- 7.10.1 The duties of the Board members shall be as specified in the Section Board policies and guidelinesprocedures.
- 7.10.2 The chair shall perform all duties that would ordinarily be incident to the office of president, subject to the authority granted by the Board of Trustees.
- 7.10.3 The chair-elect and/or vice-chair shall assist the chair in the performance of his/her duties and shall act in his/her stead when required. The chair-elect and/or vice-chair shall serve on such committees as he/she may be assigned.
- 7.10.4 The past-chair shall assist the chair and chair-elect and/or vice-chair in the performance of their duties and shall act in any of the other officer positions when assigned by the Board of Trustees. The past-chair shall serve as chair of the Nominating Committee.

- 7.10.5 The treasurer shall have or provide for the custody of the funds or other property of the Section and shall keep or see to the keeping of a separate book account of the same; shall collect and receive or provide for the collection and receipt of monies earned by or in any manner due to or received by the Section; and shall deposit or see to the deposit of all funds of the Section in such banks or other places of deposit as the Board of Trustees may from time to time direct and designate. In addition, the Treasurer shall, whenever so required by the Board of Trustees, render an account, showing all transactions as Treasurer, and the financial condition of the Section; and, in general, shall perform all duties incident to the office of treasurer of a corporation
- 7.10.6 The secretary shall see that notices are given and records and reports are kept properly and filed by the Section as required by law; and, in general, shall perform all duties incident to the office of secretary of a corporation.
- 7.10.7 The AWWA Director shall serve on the AWWA Board of Directors. The AWWA Director shall be bound to adhere to the obligations of AWWA and its Board of Directors as set forth in these Bylaws, and the AWWA Documents. The Section acknowledges that, in the course of their duties, the AWWA Director may be faced with decisions that benefit AWWA and its Sections but not necessarily the Section from which the AWWA Director comes. Whenever the interests of the Section and the Association are in conflict in a matter being considered by the AWWA Board, the AWWA Director is bound to disclose such conflict to the AWWA Board and may, in certain cases, be required to abstain from deliberations or voting on such matters by the AWWA Board of Directors.
- 7.10.82 The AWWA Director shall be a member of the Section Board ~~and of the Association Board of Directors in accordance with the provisions of the Bylaws of the Association. The Director shall work with the Chair and other members of the Board to coordinate and unify the actions of both the Association and the Section.~~
- 7.10.9 The non-officer trustees shall assist the chair and the chair-elect in the performance of their duties and shall act in any other officer positions when delegated by the Board of Trustees. The trustees shall serve on committees as liaisons or full members, as they may be assigned by the Board of Trustees.
- 7.10.103 The Board shall have general supervision over all of the affairs of the Section and shall be its legal representative in all matters except as this duty may be specifically delegated to the Executive Director. The Board members shall prepare, as needed, and enforce for the conduct of the business of the Section, guidelines not in conflict with these Bylaws or the ~~Articles of Incorporation, Bylaws, Board Policy Manual and Affiliation Agreement of the Association~~ AWWA Documents, and shall amend them ~~Section policies and procedures, as required to resolve such conflicts.~~

ARTICLE VIII MEETINGS

- 8.1 The Board shall meet at least once each year to conduct the business of the Section.
- 8.2 The Section shall hold at least one Business Meeting in each calendar year to elect Board members and conduct other business, as may be necessary.
- 8.3 Quorum for an Annual Business Meeting or Fully Noticed Meeting of the Section shall normally be 20 Members, provided however that, in accordance with Section 5.3 of these Bylaws, the Board of Trustees may resolve, in its discretion, to require only the vote of a majority of the Members present, at a meeting of which notice was delivered to all such Members at least ten (10) days before the date of the Fully Noticed Meeting, and may establish and disseminate a specific voting process and procedure for other matters placed before the Members.
- 8.43 For the purpose of achieving the objectives of the Association and the Section, the Section is expected to hold an annual conference at which technical papers are presented and water supply industry issues are discussed. The location of such a conference is determined by the Section.
- 8.54 The Board shall call special meetings of the Board of Trustees or of the Members, as needed. Such meetings may be called, either by a request from at least five members of the Board of Trustees or by a signed petition from 20 Section ~~m~~Members, in good standing. The agenda of the meeting shall be limited to the purpose for which it was called. Special meetings of the Members shall be Fully Noticed Meetings, in accordance with Section 5.3 of these Bylaws. ~~All meetings will be conducted generally in accordance with the most recent edition of Roberts' Rules of Order. The Chair shall run all Board meetings. If the Chair is not present, the Chair will designate another member of the Executive Committee to run the meeting.~~
- 8.6 All Board of Trustees, Council, and committee meetings shall convene in accordance with Section policies and procedures. Except as may be otherwise determined by the Board of Trustees, Council, or committee meetings should be conducted in accordance with the latest edition of "Roberts Rules of Order." The Chair shall run all Board of Trustees meetings. If the Chair is not present, the Chair will designate another member of the Executive Committee to run the meeting.

- 8.76 The times and places of all meetings of the Section shall be fixed by the Board members, or by a committee appointed by them, subject to the other provisions of these Bylaws.
- 8.8 Voting by Electronic and/or Telephonic Participation; Board of Trustees:
- a. Though it is the responsibility of Board Officers and Trustees to participate in person at meetings, the Section recognizes that occasionally voting members of the Board are unable to attend meetings in person. Voting members who are unable to attend are permitted to participate in the meeting utilizing electronic or telephonic communications ("remote means").
 - b. A member who participates in a meeting via remote means may be considered part of the quorum for a meeting, subject to adequate verification of their eligibility and identity. Procedures for facilitating participation by remote means, and verification of the member's eligibility and identity are contained in the Section's policies and guidelines.
- 8.9 Voting by Unanimous Written Consent; Board of Trustees:
- a. Occasionally, urgent Board action is required yet it is not possible or practical to have the Board meet in person or through electronic or telephonic participation. In those cases, the Chair may elect to submit a question to the Board for a vote by unanimous written consent. The consent resolution shall be sent to each Board member, by mail or by electronic transmission, and shall permit counterpart signatures. Upon receipt of written consent documents from all Board members, the Secretary-Treasurer shall assemble them and they shall be considered collectively as a valid document, having the same effect as a unanimous vote of the Board of Trustees.
 - b. Procedures for initiating and conducting, and recording a vote by unanimous written consent are contained in the Section's policies and guidelines.

ARTICLE IX COUNCILS AND COMMITTEES

- 9.1 The Section Board may establish Councils and Board Committees to conduct Association programs and Section programs and business. The Section Chair will name Council Chairs and Committee Chairs.
- 9.2 Councils and Committees shall be established and shall convene in accordance with the Section Board policies and guidelines.
- 9.3 The Nominating Committee described in Section 7.6.1, the Executive Committee described in Section 7.2.3 and 7.4.1, and the Finance Committee described in Section 6.1 are standing committees.
- 9.4 Voting by Electronic and/or Telephonic Participation; Councils and Committees:
- The Section recognizes that occasionally voting members of a Council or Committee are unable to attend meetings in person. Voting members who are unable to attend are permitted to participate in the meeting utilizing Electronic or Telephonic communications ("remote means").
- A member who participates in a meeting via remote means may be considered part of the quorum for a meeting, if one is required, subject to adequate verification of their eligibility and identity. Procedures for facilitating participation by remote means, and verification of the member's eligibility and identity are contained in the Section's policies and guidelines.

ARTICLE X – ESTABLISHING SUBDIVISIONS

- 10.1 For ease of organization, the Board of Trustees may divide a geographic area within a Section's boundaries into subdivisions that are still governed by the Board of Trustees.

ARTICLE XI AMENDMENTS TO SECTION BYLAWS

- 110.1 Proposals for the amendment of these Bylaws may originate by an affirmative majority vote of the Board, or they may originate by submittal to the Secretary-Treasurer of a written petition signed by at least 20 members in good standing. The Secretary-Treasurer shall bring the proposal to the attention of the Board and notify all members of the proposed amendment through any means as directed by the Board.
- 110.2 These Bylaws may be amended at any Annual Business Meeting of the Section, or at a Fully Noticed Meeting, by a majority vote of eligible voting members present at the meeting, provided, however, that all members shall have written notice at least 30 days in advance in which to consider the proposed amendment(s) prior to voting upon it.
- 110.3 At the discretion of the Board, the Bylaws may also be amended by a mailed ballot or a ballot sent directly by other means, with an affirmative vote of two-thirds (2/3) of the ballots returned by eligible voting members. All eligible voting members shall be provided a copy of the proposed amendment(s) with the ballot or be given a website link to obtain the proposed amendment(s), and shall be given at least 30 days to return the ballot.

- 110.4 When the amendment(s) are approved by the Section membership, the Secretary-Treasurer shall submit the amendment(s) to the Chief Executive Officer of the Association, for approval by the Association Board of Directors.
- 110.5 Corrections deemed insubstantial (grammar, punctuation) may be made at the discretion of the Association Board of Directors. The Board will be advised of these corrections and may call for a vote of the Section.
- 110.6 Amendment(s) shall be effective only after receiving notice from the AWWA Chief Executive Officer that the amendment(s) have been approved by the AWWA Board of Directors.

ARTICLE XII DISSOLUTION

- 121.1 In case of dissolution of the Section, such portions of the funds or property thereof in the hands of the Secretary-Treasurer, as may have been derived from the general funds of the Association, shall be returned to the Association.
- 121.2 After paying or making provision for payment of all debts and other liabilities of the Section, any remaining balance of Section funds or property shall be disposed of, as determined by the Board, by transfer and distribution to: the Association, ~~another Section of the Association~~, Water For People, The Water Research Foundation, or any ~~one or more other~~ nonprofit or charitable organizations or foundations with like purposes or goals that is organized and operated in an area included in an AWWA Section (hereinafter referred to as the "receiving organization") ~~whose purpose is similar to that of the Section.~~
- 121.3 ~~If for any reasons such disposition cannot be effected, then such funds shall be so distributed pursuant to the order, judgment, or decree of a court having jurisdiction over the assets and property of the Section.~~ The receiving organization(s) shall be selected by vote of the majority of the Section Members present in person or by proxy at a meeting of the Section called for this purpose. ~~If for any reasons such disposition cannot be effected, then such funds shall be so distributed pursuant to the order, judgment or decree of a court having jurisdiction over the assets and property of the Section.~~
- 12.4 The following shall be characteristic of the receiving organization:
- That it be operated exclusively for scientific or educational purposes;
 - That no part of the net earnings of which inures to the benefit of any private shareholders or individual;
 - That no substantial part of the activities of which is carrying on propaganda or otherwise attempting to influence legislation; and
 - That it does not participate in, or intervene in (including the publishing or distributing of statements) any political campaign on behalf of any candidate for public office.
- ~~The receiving organization may then qualify under the provisions of Section 501(c)(3) of the United States Internal Revenue Code, as they now exist or as they may hereafter be amended.~~
- 121.54 Prior to dissolution of the Section, and in accordance with these Bylaws, the Raymond J. Faust endowment shall be assigned to a public college or university in the State of Michigan with the intent that such institution would continue the endowment for scholarship purposes.

ARTICLE XIII INDEMNIFICATION

- 132.1 Indemnification is provided by the Association, as described in the Association Bylaws, Article VI, Section 6.01.
- 132.2 All Board members and any other designated representatives of the Section shall be and are hereby indemnified for expenses and costs incurred (including attorney fees) by any of them in connection with any claim asserted against any of them by action in court or otherwise by reason of their service in such capacity.
- 132.3 Such indemnification will not apply for the aforementioned individuals in regard to matters to which they or any of them shall have been guilty of negligence or misconduct in respect to the matters in which indemnity is sought.



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CONSUMER CONFIDENCE REPORTS

Every spring, water utilities receive reminders from the Michigan Department of Environmental Quality (MDEQ) to submit their Consumer Confidence Reports (CCR) to their customers and the MDEQ, by July 1. Many people may ask, "what is a CCR, and why do I have to send it?". The CCR is an annual water quality report which summarizes information regarding source water, detected contaminants, compliance with the Safe Drinking Water Act, and education about the water utility and the water supplied. The CCR requirement was added to the Michigan Safe Drinking Water Act in 1998 based on rule changes made in 1996 in the Federal Safe Drinking Water Act.

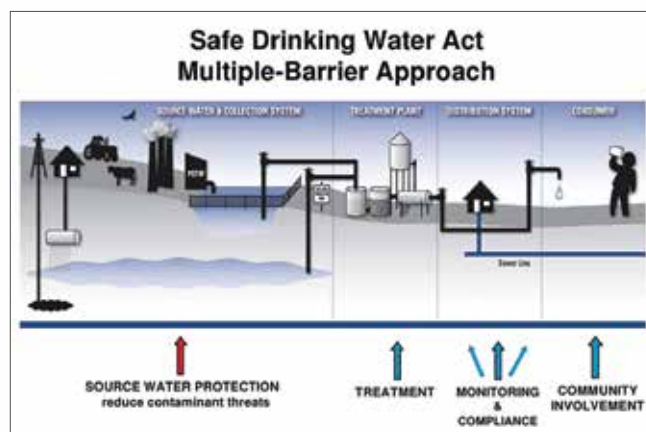
The goal of CCRs is to inform water supply customers about the water quality in their community. This leads to increased consumer knowledge and understanding of the drinking water sources and quality, source susceptibility, drinking water supply management, and potential health risks. Increasing customers' knowledge and understanding of their water system allows them to make informed decisions about reducing any potential risks, and increases dialogue between the water utility and customers. Water supplies and customers should think of the CCR as valuable tool to protect public health.

CCRs do not have a defined format, however, there are eight items that are required. These include:

1. Information about the water system
2. Listing the source of water
3. Definitions of terms used
4. Reported levels of detected contaminants
5. Information regarding compliance monitoring and reporting for contaminants such as cryptosporidium and radon
6. Compliance with other drinking water regulations
7. Variances and exemption
8. Statements regarding specific contaminants and associated risks

Common CCR violations include, leaving out any of the items above, not using the correct units, and failing to distribute the CCR to water customers and the MDEQ by July 1 each year. Additional information about these items can be found on the MDEQ website (www.michigan.gov/drinkingwater) under "Community Water Supply Homepage."

If you have questions as you begin to put together your 2017 CCR, contact your MDEQ District Office Analyst or Krista Robinson at RobinsonK24@michigan.gov. 💧



CCRs fall within the community involvement category and can be thought of as a critical component of protecting public health.

Source: www.legacy.azdeq.gov/enviro/water/dw/safe_dw_act_40.html

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THE ONE AWWA OPERATOR SCHOLARSHIP

By Kyle Tryan, Chair, The One AWWA Operator Scholarship Committee

The One AWWA Operator Scholarship is starting to gain momentum! 2017 was the second year this scholarship was offered to anyone taking classes/courses to become an operator or for any operator looking to further his/her education and training relating to the water industry.

The number of applicants this year doubled over last year. All of the candidates were worthy of the scholarship and their ambition and passion for the water industry was very apparent in their essays, reference letters, and resumes. Their application essays were encouraging and inspiring to read. The applicants are up and coming leaders, some of them already well into leadership roles, and I wish them all success! With such a great selection, it was very difficult narrowing it down to just one.

The One AWWA Operator Scholarship for 2017 is Rikki Stropich from the City of Ann Arbor. If you were one of the applicants that was not chosen, please apply again this year! 💧

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IN MEMORIAM

Arthur G. "Red" Reinhold, age 87, passed away Monday, October 2, 2017, at New Hope Bay Assisted Living in Bay City.

Arthur was born November 18, 1929, in Bay County, to Arthur and Helen (Kundinger) Reinhold. After graduating from Sebewaing High School, Arthur attended and graduated from Michigan Technological University in Electrical Engineering, where he played football and was in Officer Candidate School. He then joined the United States Navy where he was a Lieutenant J G and oversaw the degaussing station in San Diego, California. After the Navy, he moved back to Sebewaing where he worked as a superintendent for Sebewaing Light & Water for 38 years. Arthur was a member of the Sebewaing Sportsman's VFW, enjoyed playing cards, especially euchre with his buddies, watching football and baseball, going to gunless deer camp, attending Thursday evening services at New Salem Lutheran Church, and especially making wine and tending to his grapes. He was an active member of the Michigan Municipal Electric Association, American Waterworks and New Salem Lutheran Church. 💧



ANNOUNCEMENT: NEW & IMPROVED

Distribution Best Practices Seminar Committee and Training opportunity!

The Distribution Best Practice Committee (DBPC) was re-created in 2017 with a new outlook and goals! The DBPC Seminar is a one-day training for operators that is being revitalized with the day-to-day tasks of operator(s) in mind. The water supply professionals serving on the DBPC bring different perspectives from across the State in order to design a unique training opportunity.

The first Distribution Best Practices Seminar will be held in the spring of 2018 and will include new concepts and speakers from all over the nation. Look for further announcements on the Section website as well as the MDEQ Operator Training and Certification website. See you this Spring!

DISTRIBUTION BEST PRACTICE COMMITTEE

Chairs:

- Scott Schmidt** – Michigan Department of Environmental Quality-Chair
- Dan Sorek** – Prein & Newhof-Co-chair

Members:

- Josh Hoffman** – Distribution Operator-in-Charge for the City of Saginaw
- Russ Miller** – Distribution Operator-in-Charge for the City of St. Clair Shores
- Leane Hoese** – Senior Operator for the City of Niles
- Derek Gajdos** – Director of Utilities for City of Grand Haven
- Gary Lewis** – Director of Utilities for Little River Band of Ottawa & Chippewa
- Sanjeev Mungarwadi** – Operator-in-Charge for City of Muskegon Water Treatment Plant
- James Heath** – Retired Assistant Director of Water Operations for Detroit Water & Sewerage Department
- Casey Rose** – Director of Operations for Mead & Hunt
- Art Krueger** – Utilities Director of Traverse City
- Sherrie Elliot** – Utilities Director for the City of Petoskey
- Marty Flynn** – Operator-in-Charge for City of Petoskey 💧

SECTION LEADERS GATHERED FOR PLANNING

Each year, members of the Section's Board of Trustees and members of the six councils gather at a retreat. The event allows time for celebration of the year's accomplishments, reflection on lessons learned, and planning for the coming year.


This year's retreat featured innovative strategy consultant Mike Bills from MB Strategies. He walked Section leaders through an approach to change management and facilitated breakout sessions where each council and the Executive Committee could practice what they learned.

Over the day and a half retreat, volunteers were able to revise their work plans and interact with other council members to help foster collaboration across all volunteer groups. Among all the work plans, some other action items from the retreat included:

- Standard templates for things like agendas, minutes, and rosters;
- Online form for volunteer groups to share information as blog entries;
- And Mapping out a structured volunteer orientation program.

Thank you to all who were able to attend and spend their time on the important business of planning Section work for the coming year. 💧





Update

**YOUR
MEMBERSHIP
INFORMATION**

The Michigan Section publishes a member directory each spring. For the 2018 Member Directory, the Section will list all active members as well as all task forces, committees, and councils.

Please take a moment to ensure your information is current by logging into your profile on the Section website. From the Profile Home page, you will see your contact information as well as groups of which you are a part. Your membership directory will include your name, employer, and professional city, and you will be listed in the rosters of the groups that show on your profile.

If you need help updating your information, contact Section staff at info@mi-water.org no later than February 9, 2018 to ensure correct information is included in the directory.



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MEMBER SUMMIT ON MICHIGAN'S LEAD AND COPPER RULE

At the direction of the Governor's Office, the Michigan Department of Environmental Quality began the stakeholder process for revising Michigan's Lead and Copper Rule late last summer. The Section had two representatives on the stakeholder committee: Randy Roost of Lansing Board of Water & Light and Molly Maciejewski of City of Ann Arbor.

Near the end of the stakeholder process and before public comment, the Section held a summit for members to provide direct input on key components of the revisions.

"These types of events are a key benefit of membership in the Section," stated Section Board Chair Christine Spitzley. "In today's world, we have to be able to respond quickly to the

changes that are coming at us, to help our members respond. The LCR Summit did that beautifully."

While Spitzley facilitated the summit, Randy and Molly helped members to understand the issues and members were able to have dialogue about the implications of the proposed changes.

Members from more than 40 community water supplies attended. The outcomes included compiling a comprehensive list of concerns for DEQ's consideration and the beginnings of a position statement to be used once public comment begins.

Check the website for more on how you can have your voice heard throughout the rule-making process and for informational sessions for members about the Rule changes. 💧



CALL FOR NOMINATIONS MICHIGAN SECTION AWWA NEEDS YOU!

Nominations Solicited for the Michigan Section Board of Trustees

The Nominating Committee is seeking candidates for terms beginning in September 2018 (in conjunction with the Annual Conference) for the following positions:

- **TRUSTEES** – two each for three-year terms
- **CHAIR ELECT** – three-year term
- **DIRECTOR** – three-year term

Self and peer nominations are both encouraged. Please also note the bylaws of the Section indicate that we should strive to have one Board member from the Upper Peninsula of Michigan and one Board member either from the area of the Lower Peninsula north of Town Line Fifteen or from any district, area, or community in the Lower Peninsula maintaining water service to a population under 10,000 persons at the most recent Federal Census. The representation of the Board members is intended to reflect the diverse membership of the Section, including, but not limited to, geographical locations, membership categories, utility size, gender, and ethnic origins. Any member in good standing of the Section, including a multi-section Member, are eligible to hold elective office in the Section.

A nomination should include a short statement of interest and a summary of industry and AWWA activities. Interested members are encouraged to contact any of the Nominating Committee members with any questions; committee members are Mark Coleman (chair), John Willemin, Christine Spitzley, three trustees, and two at-large members to be named by the Board.

Nominations are due by May 1, 2018, and should be submitted to:

Mark Coleman
Nominating Committee Chair
MI-AWWA
E-mail: mcoleman@wadetrim.com
Phone: (313) 961-3650

Folks who have submitted nominations in previous years are reminded to please reconfirm their interest for the coming year.




WATER TASTE-OFF

The five Spring Regional winners were all present for the Section Taste-Off at Shanty Creek in September to compete for the 2017 title:

- Marion, Howell, Ocoola, & Genoa Sewer & Water Authority (MHOG),
- City of Ann Arbor,
- Marquette Township,
- Mancelona Area Water & Sewer Authority (MAWSA),
- City of Grand Haven

The City of Ann Arbor won (that is two-years in a row!) and will represent the Michigan Section in Las Vegas this summer. This was perhaps the closest Section contest in taste-off history. The first tasting round had two supplies tied for first, and two teams tied for second only a single point behind first! (that is 4 of the 5 supplies within 1 point of each other). The "taste off" of the two first place supplies resulted in Ann Arbor winning. Supplies were given points on taste, appearance, and odor. A special thank you to all the judges.

We hope to see you in the Spring taste-off regionals for a new set of teams! 




Judges DEQ DWMAD Director Eric Oswald; Michigan Public Radio reporter Lindsey Smith; and AWWA Vice-President Ray Baral, Jr.

MICHIGAN WATER ACADEMY® TO LAUNCH MORE CLASSES, OFFER CREDENTIAL

For a little more than a year, staff and volunteers have been working to bring the Michigan Water Academy ® to life. As 2018 begins, the Academy promises additional classes to help water professionals enhance their skills and to offer those most discerning professionals a path to a special credential beyond state licensure.

Classes in the Academy are designed to be interactive and offer hands-on learning where possible. Students may take classes in any order at any level other than the Mastery level. The Mastery level classes will be required to be taken in order since they build on each other.

At both a series end and at the conclusion of a level, students will earn a certificate and receive an electronic badge to help celebrate their success online. Completing Academy classes demonstrates a level of proficiency and these will help you celebrate your accomplishment!

A full brochure will be available in the Section booth during Joint Expo & Operators Day. There is still plenty to do. If you have expertise to share or want to sign on as a trainer, email Executive Director Bonnifer Ballard at bballard@mi-water.org. 

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SPRING REGIONAL MEETINGS
Mark your calendar
 for spring regional meetings, held in **FIVE** locations throughout Michigan.

COMMUNICATION SURVEY

Available through February 16th

Please take a few minutes to share your thoughts and opinions about the communications within Michigan AWWA, particularly as it relates to effectiveness of the communications tools and channels.

Completing the Survey puts you in the running for a \$50 gift card.

Your feedback is very important to our efforts to improve how the organization shares information with its members. The survey will take approximately 5 minutes to complete.

www.mi-water.org/CommunicationSurvey

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MI-AWWA 2018 TRAINING REGISTRATION FORM

Course Date _____ Course Name _____ Course Location _____

First Name _____

Last Name _____

Organization _____

Address _____

City _____ State _____ Zip Code _____

Phone _____ Operator ID _____

*Email _____ WWA Member Number _____

** Pre-event information is only sent via email.*

(Required to receive member discount)

Registration and Cancellation Policy

You must login or include your member number to receive your member discount. Refunds will not be issued for individuals registering for an event at the non-member rate who would have otherwise been eligible for the member discount. You must use any promo code issued you to receive any promotional discount. Refunds will not be issued for individuals registering for an event at the full rate who would have otherwise been eligible for a promotional discount. Registration substitutions within the same organization are allowed; however, registration rates will be calculated according to AWWA membership status. Written cancellations received at least seven days prior to the start of the event will be eligible for a refund less a \$35 processing fee. Cancellations received less than seven days from the start of the event will receive no refund.

PAYMENT \$ _____ **member** \$ _____ **non-member** Promo Code (if applicable) _____

Check enclosed OR Please charge my (check one) VISA MasterCard AmEx Discover Purchase Order

Card # _____

Exp Date _____ CVV _____

Name on Card _____

Signature _____

Billing Address same as registrant

Billing Address _____

Billing City _____ Billing State _____ Billing Zip Code _____

Billing Phone _____ Billing Email Address* _____

** Pre-event information is only sent via email.*

Return completed form with payment to:

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OR REGISTER ONLINE AT WWW.MI-WATER.ORG

A \$35 late fee will be charged for registrations received less than seven days prior to the training event.



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