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MICHIGAN WATER WORKS NEWS

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SPRING 2017 CONTENTS



FEATURES

PIECES FROM THE PAST	20
2017 MEMBERSHIP DIRECTORY	21
2017 BUYERS' GUIDE	45
BORCHARDT CONFERENCE 2017	51
SAFE WATER IN EQUADOR UPDATE	54
NOMINATING COMMITTEE	56
INTRODUCING THE MICHIGAN WATER ACADEMY [®]	58
SAVE THE DATE – MI-ACE 2017	60
JOINT EXPO & OPERATORS DAY RECAP	61

DEPARTMENTS

Chair's Message	6
Director's Report	8
Executive Director's Message	10
Council News	13
MDEQ Update	57
Member Update	64
News & Notes	66
Training Calendar	67
Ad Index	70



MESSAGE FROM THE CHAIR

JOHN WILLEMIN, CHAIR

uring the months of February and March this year, the Michigan Section looked closely at the value of membership as we worked toward member approval of a section assessment. One of our important functions as individual members of AWWA, and as an organization, is to promote the value of water.

A January article in the *Lansing State Journal* looked at water and sewer rates for several communities in the greater Lansing area in response to a group of area water users upset by recent rate increases. Some of the people were frustrated by the fact that even though they



took steps to decrease their water use, their bills still went up. Kudos to the *Journal* for a fair and balanced response that was well researched.

It inspired me to do a comparison of my own utility bills. I consider my water and sewer rates very reasonable. My shock value came from comparing my water/sewer bill to some of my other utilities. The cost to have fresh, safe water delivered to multiple locations in my home any time day or night is less than half of what it costs to "pipe" in the cable/internet/phone service, and less than half of the bill for my family's mobile devices. Even though I've known the numbers for a long time, it was good to consider a comparison to truly appreciate the value of my water service.

Several times in my career I've witnessed the very mention of a water or sewer rate increase result in angry public comments at City Council meetings or a social media maelstrom. I don't know if I've ever heard a complaint about the yearly increase in the cable bill.

Michigan water utilities will formally be looking at the value of water this year as they put together their Asset Management Programs (AMP), due in January 2018. One of the key points of the AMP is to evaluate the funds that will be needed to complete the capital improvements identified in the AMP and the rate structures available to deliver those funds. Funding gaps will need to be addressed, and rates are likely to go up for many water system customers in the coming years. It is a reality. Part of the reality comes from a shift in focus from expanding water systems to the replacement of aging infrastructure. Those buried pipes have served us well, but they will only last so long

If a design life of 50 to 100 years is assumed, 1% to 2% of a water distribution system will need to be replaced annually on average. For communities that have not been diligent with pipeline replacement, significantly higher percentages may need to be considered for several years.

The cost to replace all that piping is going to sting far more than did the cost to install it originally, when revenue from the new users paid for most of the effort. But replacement will become necessary at some point, and it is in the best interest of the communities and the water system customers they serve that it be done diligently. A Google search on "water main break" yielded 28 million results. One only needs to read a few of those postings to be convinced that the cost to repair the damage from a serious main break far exceeds the cost to replace the pipe before a catastrophic failure occurs.

And when people complain about their water bills, suggest they take a look at what they pay for cable and cell phones.



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ASSOCIATION INITIATIVES

MARK COLEMAN, DIRECTOR

he AWWA Winter Board of Directors meeting was held on Saturday, January 14, 2017. Items that you may find of interest are summarized below. The Association Board of Directors selected David Rager of Cincinnati as the association's next presidentelect. An AWWA member for nearly 15 years, Rager is the principal of Rager Management Consulting, LLC. He was CEO for SD1 in Kentucky for four years and for the Greater Cincinnati Water Works for 17 years. For AWWA, he has served as Association treasurer, chair of the Water Utility Council and a member of the International Council. A former chair of the Board of Trustees for the Water Research Foundation, he is a member of the Ohio Section and the Kentucky/Tennessee Section. He will begin his role as president-elect in June at the conclusion of AWWA's Annual Conference and Exposition in Philadelphia. He will serve his one-year presidential term beginning in June 2018.

> GIVE ME A SHOUT IF YOU WOULD LIKE ADDITIONAL INFORMATION OR SIMPLY WANT TO CHAT.

Four vice presidents were elected by the board.

- Raymond Baral Jr. has been an active member of the Connecticut Section for 22 years. He is the assistant manager of water treatment at the Metropolitan District Commission in Hartford, Conn.
- Stephen Blankenship, a member of the New Jersey Section for 16 years, represents the Section at many AWWA workshops, events and conferences. He is the executive director/chief engineer at Hamilton Township MUA in Mays Landing, N.J.
- Alan Forrest has been an active member of the Arizona Section for 22 years, where he currently is the director. He is a senior manager in the water business group at CH2M.

• The fourth vice president elected was your Michigan Section Director who is delighted to be able to continue the Michigan Section tradition of having its Director become an Association vice president.

Marshall Thompson was voted in as a director-at-large. Thompson is the director of operations at SUEZ Water Idaho in Boise. An AWWA member for 10 years, he serves as chair of the Water Information Technology Committee for the Pacific Northwest Section. He is a veteran of the U.S. Coast Guard Reserve.

Also elected was Randy Moore as a service provider director-at-large. Moore has been an active member of AWWA for 34 years at the Missouri Section and is a regular contributor to *Opflow,* AWWA's magazine for operators. He is vice president of market development at Pure Technologies, Ltd. in Columbia, MD.

The vice presidents and directors will also begin their roles in June at the conclusion of AWWA's Annual Conference and Exposition.

Michigan Section members honored by the Board included Chuck Van Der Kolk, Zeeland Board of Public Works who received the "2017 Volunteer of the Year Award" and Tom Idema who received the "John Lechner Award of Excellence."

The Board approved a new Lead Service Line Management Policy Statement. The policy statement reflects AWWA's support of the National Drinking Water Advisory Council (NDWAC) recommendation to replace lead service lines and may be found on the Association's web site.

The Retiree Member Definition was changed by the Board from "... an individual who is substantially retired from all gainful employment, who is 65 or more years of age, and who has been a member of the Association for at least 15 years" to reflect a minimum age to 55 and membership tenure to 10 years. The change was made to encourage retirees to continue Association involvement by reflecting the fact that AWWA's members are retiring at an increasing pace, many prior to age 65 and short of 15 years of membership.

Thanks for your attention! Give me a shout if you would like additional information or simply want to chat. I am looking forward to an exciting three years as your MI AWWA Director.

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RETURN TO TABLE OF CONTENTS

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SO MUCH GOING ON ACROSS MI-AWWA

BONNIFER BALLARD, EXECUTIVE DIRECTOR

s of this writing, the winter has been relatively mild for Lower Michigan. The past few months have been spent as you would expect finalizing the operating budget for 2017, preparing and running Joint Expo & Operators Day with our partner MWEA, and gearing up for spring trainings. It has also meant gearing up with new programs like our Communications Plan and the new Michigan Water Academy, partnering with DEQ on the Water Infrastructure Summit, and engaging elected officials as they consider policy changes to help improve water system management in Michigan.

One of the highlights for me was an interview I was able to participate in for an association magazine published here in Michigan. The article focused on the intersection between leadership and values, a topic dear to me since my Master's degree is in leadership development. The joy came though when we did the photo shoot. Not because I was getting my picture taken, but because I was able to highlight one of our members.

Wayne Jernberg and Chad Reenders from the City of Grand Rapids opened up their low pumping station for the photo shoot and got to be in on the action. I thoroughly enjoyed learning the history of the now rarely used station and got a tour of the water treatment plant, both on the coast of Lake Michigan.

Shortly after this happened was Joint Expo, one of my favorite events

of the year. I truly enjoy interacting with all of the exhibitors and operators. For the last three years, I have had the pleasure of greeting my nephew, Paul Sager. He works for a company that offers water and wastewater services in southeast Michigan. We don't see each other as often as I would like so this was a treat to catch up with him there.

I have also worked closely with the task force that worked on the Section Assessment ballot initiative. Members rallied to the call, voted, and ultimately the initiative passed. Now, it goes to the Association Board for final approval and implementation. More on implementation in a future issue. The Section Board of Trustees will continue to look for ways to strengthen Section finances to continue to offer programs and services to members.

And now we're in the throes of launching our communications plan and the Michigan Water Academy. The communications plan starts with communications training, open to anyone interested and then specialized media training specifically for people selected to act as spokespeople for the Section. The next step will be to begin working with a communications firm to start to build ongoing relationships with media around water.

The Michigan Water Academy is covered later in this issue. This new training initiative will offer more topics in more locations using best practices for adult training. Many members are involved in its creation and



development and I'm very much looking forward to getting member input as classes are introduced.

I continue to be inspired by operators who find creative approaches to their daily challenges and volunteers who give so freely of their time and expertise. I've spent most of my career in nonprofit management precisely because I believe we are called to use our skills to make the world a better place. And I see that happen regularly, in big ways and small ways as I go about the business of the Section. Keep up the great work!



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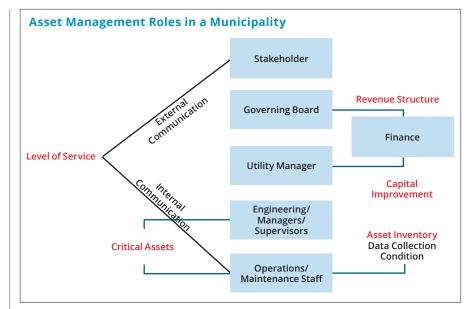


ASSET MANAGEMENT AND INFRASTRUCTURE COMMITTEE UPDATE

A merica's infrastructure is rapidly reaching its end of life and needs to be managed better to ensure that smart investment is appropriated to the areas with the most need. Asset management is an important tool for managing infrastructure and making data-based decisions. It is a way of decision-making that takes into account long-term goals, strategic plans, and whole life cost of infrastructure assets. As it becomes more and more important for utilities to begin to look at their assets in a holistic way, asset management provides the tools to do just that. Asset management touches diverse areas of an organization which makes the roles and responsibilities of asset management hard to pin down. In this article, the Asset Management Committee examines what roles and responsibilities are needed for asset management and where those responsibilities might reside.

It is important to note that most well run utilities already use many aspects of asset management. It is not the intention of asset management to "reinvent the wheel" but rather to use the wheel more efficiently. Data on assets is already being collected. An asset management plan ensures that the right data is being collected and that it is useable to aid decision-making. Asset management plans are a formal, written plan that reflects what the utility is often already doing. The application of an asset management plan makes communication and data management easier.

Figure 1 shows how the five components of asset management from the MDEQ's guidance (in red) might be applied to an organization. Asset inventory data collection, including condition, is gathered and tracked by operations and maintenance staff. Engineers, managers, and supervisors collaborate with the operation and maintenance staff on which assets are critical to the system. Revenue structure and capital improvement plans are





created utility management and finance and approved by the governing board to make sure they are in line with strategic planning. Level of service is something that needs to be communicated at all levels of the organization from the front line workers to the stakeholders. This ensures that level of service statements reflect goals that are achievable and reflect the needs and wants of customers and regulators.

There are many tasks that relate to asset management. Tracking and analyzing data is the main task. Data



COUNCIL NEWS

that is tracked and analyzed may include condition ratings, customer usage, criticality, redundancy, and Geographic Information System (GIS) mapping. Asset management includes establishing baselines so that performance can be monitored over multiple years. It also means managing data and making sure that the needed data is provided by the operators and maintenance staff in a consistent way. It may be necessary to track metadata, or the data describing data management actions, depending on how sophisticated the program is. Reports can be built to communicate cost analysis, staffing, inspection and maintenance activities, expenditures, capital improvements and asset inventory.

Tasks related to training and communications are also critical to asset management. Training can be



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group sessions or one on one to make sure that field staff is prepared to use asset management tools to gather and access data. Decisions are only as good as the data that supports them so consistency and reproducibility are important. Having open, two-way communication is also important for asset management to be successful. Information must flow from the top of the organization to the bottom in the form of strategic planning so that everyone knows how their work supports asset management, and also flow from the bottom to the top so that decision-makers are getting the data they need to make informed decisions. Knowledge must flow out of the organization so that customers understand the importance of the utility, and inward so that the utility understands the level of service desired.

These tasks can be assigned to a designated asset management coordinator or spread through the organization, depending on the size and resources of the organization. Communities with large, complex assets will probably need a dedicated person, or in some cases department, to organize and track the data that is needed to manage a large asset registry. Small utilities will be able to assign tasks to the person whose job fits closely to the task. In this case, the manager may also be the champion and the field worker may also produce reports needed for decisionmaking. It is often important to have an advocate that can support building asset management processes. This is especially true if there needs to be a lot of change to bring asset management to all levels of the organization. Connecting tactical and operational goals with strategic goals can be a difficult task so a champion is needed to see the change through. This article was prepared in collaboration with the MI-AWWA/MWEA Joint Asset Management and Infrastructure Committee. If you are interested in joining the AIM committee, please contact MWEA or MI-AWWA. If you have any questions regarding this article, please contact AIM committee member Katie Erickson at ericksonk@wyomingmi.gov.

GOVERNMENT AFFAIRS COUNCIL UPDATE

The Government Affairs Council has recently made some progress in growing its membership and I'm happy to report that Andrew Reynolds has been named Vice Chair. An active and engaged membership is crucial to advancing our mission and meeting our work plan goals for 2017. The Council still has room for additional members and continues to seek volunteers to assist with legislative advocacy. Thanks to Andrew, the Council now has a directory that cross-lists all MI-AWWA members with their State and federal legislators, so contact with our elected officials is easier than ever.

Additionally, the Council is working on an effort to better track legislation at the state level. Council members will be assigned to track the status of a bill, from inception all the way to Capitol Hill (does anyone remember Schoolhouse Rock?). The ability to have one point-person for each proposed bill will help to ensure the Council can provide up to date information to our Section members, and more quickly call to action volunteers and members as needed.

One of the Council's largest tasks is to participate in the AWWA Fly-In, held in Washington DC each year. Individual meetings are held with members of Congress to discuss draft legislation and challenges and opportunities facing drinking water systems. This year's event took place in March. Three representatives from Michigan attended. Stay tuned to *Water Works News* for a summary of our work there! In general, we have found that the direct contact with our legislators and their staff in Washington is a very effective path for AWWA to network and be viewed as a reputable source for technical expertise and guidance as legislation is drafted and considered. The Council's goal continues to be to make these connections with our state and local elected officials. We have had some success on this through the outreach efforts by some of our Council members, and are considering the avenues to take to reach this goal.

Our next meeting will be held in person in May, 2017. If you're interested in attending, please contact Molly Maciejewski!

EDUCATION AND TRAINING COUNCIL UPDATE

Vell, fresh off the 2017 MI-AWWA/ MWEA Joint Expo at the Lansing Center, a sincere "Thank You" is due to all the attendees and the great volunteers that made it another huge success. Particularly encouraging were all the new faces on the front lines helping to pull this event off. The generosity of our membership continues to be unmatched. If any of you have not yet been to one of these events, it's an absolute must. The networking is incredible. Not just between customer and contractor in the exhibit hall, but between industry professionals at all levels, at all times. While standing in the same spot, I was able to schedule some upcoming VFD replacements, recruit some Bay College grads, chat with former co-workers, and hear a pitch for a talk at the upcoming Fall Regionals. The opportunities to collaborate are endless.

Speaking of Regionals, I hope you all have your registrations in order for the spring meetings. There is some time carved out on each site's agenda for a little lesson on the local utility's history. Be sure to let us know what you think of this. Is history something MI-AWWA members would like to see more of? Finally, I have to acknowledge the tremendous effort over the last year put forth by our Plankton and Algae task force. This group is in the final stages of assembling what will undoubtedly be a tremendously informative and exciting program. Dates have been set for August 1-3. More details will be passed along as they emerge, as will registration information as the process is hashed out.

As always, please pass along your thoughts and ideas as they pertain to making our industry personnel more informed, highly trained, and better equipped to serve the public. I can be reached at *robert.miller@suez-na.com.*



CONFERENCE AND RECOGNITION COUNCIL UPDATE

• ver the past couple years the Council has been busy evaluating the Michigan Section Annual Conference. Each year the council takes the surveys from past conferences and has open discussion on improvements to future conferences. The surveys give valuable input for conference preparation.

Conference evaluation results focused on our target audience, conference locations, abstract content, and award/recognition. The conference cannot be all things to all people, however, there was good news; the surveys showed the Michigan Section was doing a good job in reaching its target audience.

Discussions were immediately held covering changes that are recommended for the 2017 conference year as well as future conferences in the years 2018 and beyond.

To address 2017 our program committee convened for the purpose of developing a good pipeline of new abstract ideas and potential new speakers. They recognized the need to think more about how to create the content in order to attract our target audiences and provide exceptional presentations. The committee is always welcoming up-to-date topics and abstract submissions for the water industry at any time.

For future conferences, staff focused on gathering RFP's from new potential conference locations. A task force from the Council evaluated the RFP's and chose locations that best served the needs of both attendees and vendors and added value for the investment (of time and money). The goal is to incentivize repeat attendance; engage audiences with a clear value proposition; achieve fun, recognition, networking and momentum while accomplishing business goals. These future locations include Kalamazoo, Port Huron, Grand Rapids, and Traverse City.

Awards and recognition are important to the success of our

Section. A comprehensive list of national and local awards were put together in matrix form. As a council we evaluated each award and its presentation to make sure it fit the recognition it was intended for.

The council also saw the need for recognizing our volunteers. Volunteers are the life blood of our Section. A task force was formed to improve recognition in this area. As part of the improvement, more focus will be placed on public relations opportunity for presenting awards. An example would be presenting the "Best Tasting Water" award at the winning community's public meeting and inviting the press.

We invite participation in any of the following committees: Association Service Nomination Committee, Local Arrangements Committee, Registration Committee, Contest Committee, Joint Expo Committee, Manufacturer's Advisory Committee, and Faust Scholarship Committee.

MEMBERSHIP COUNCIL UPDATE

A lot happened in the membership council this quarter. First, the membership council reached our 2016 new member retention goal, thanks in large part to the amazing efforts and activities held by our Young Professionals Group. Meeting this goal brings over \$2,400 to the section. On top of this, the board has approved funds for our diversity task force to bring a great speaker to our annual



Carrie Cox receiving Member Retention Award on behalf of Michigan Section

conference. Look for more from our diversity team in August!

In January, the Association hosted the annual membership summit. This is a great opportunity for members of the membership council to learn about all of the offerings from AWWA, how AWWA can assist the Section and allows us to hear about successful activities performed by other sections. What did we learn this year?

If you have a utility membership you now are able to receive more value for your membership. Your utility may be eligible for standards, additional individual memberships or free webinars. The membership council will be reaching out over the next year to those utilities not taking advantage of the new offerings. Don't want to wait? If you want information sooner, feel free to contact the membership council or Andy Chase, *achase@awwa.org*.

Our membership is getting older but the workforce is not. For the first time in 34 years the Baby Boomers are not the largest percentage of the work force. Millennials are the largest generation in the work force and their percentage is growing. AWWA is working to stay loyal to our long term members while reaching out to the next generation. One way we are accomplishing this is the AWWA website is going mobile. Okay...so maybe we are a decade behind but at least we are moving forward. Look for this and other upgrades over the next year.

No water, no beer? Our group toured the Breckinridge Brewery. We saw a complicated water treatment and brewing system that would rival

COUNCIL NEWS

any water plant, it included Endress and Hauser pressure transducers, electrically actuated control valves



and pumps all controlled by a complicated SCADA system. This Brew house prides themselves on matching some of the best breweries around the world. How do they do this when other breweries have failed? They start by filtering the City of Denver water to remove all the minerals. Then they add in minerals found in water of the area where the beer is made. Want a true English porter or stout? You add minerals found in their ground water. You want the best tasting Pilsner? Your water better have the same minerals as that found in the water around the City of Pilsen, Czech Republic. I guess Breckinridge Brewery proved that water really does make the beer.



Andy Chase with Michigan and Florida section representatives.

Finally, I learned that there are so many opportunities out there for our Section to improve its member value and the association is truly here to provide its members the solutions to effectively manage the world's most important resource, water. Look for the Membership Council to take advantage of the Association's work in the coming months.





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YP'S ARE STAYING BUSY

en though it's early in the year, the Young Professionals (YPs) have been extremely active. The year started out with an extremely successful day at Joint Expo, and we are looking to have an eventful spring and summer. Joint Expo came and went as it does every February, and the YPs were there to help make sure it was a success. During the first day of Joint Expo, the YPs hosted the Round Table Luncheon, the scavenger hunt, and a mixer. The round table luncheon consisted of a panel of experienced water professionals and a group of students and new professionals. It gave students, and those new to the industry, a chance to network and ask guestions about the field in a relaxed atmosphere. A large group from Bay College attended, and it was great to see the passion they shared for the industry.

The scavenger hunt was also well attended this year. Participants visited our sponsor's booths on the Expo floor in order to earn raffle tickets towards prizes. Four grand prizes were sponsored that each included a \$100 gift card, prep books for certification courses, study materials and vendor swag. Prizes were awarded at the mixer

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The mixer hosted by YPs was held at Lansing Brewing Company.

following the close of the Expo floor at the Lansing Brewery. Victaulic and Badger Meter sponsored the mixer, and all water professionals were invited to come and network after the close of the exhibits. Everyone had a great time and enjoyed the newly chosen venue.

Aside from being busy with joint Expo, there have also been some new and exciting events in the works. Together with MWEA, MI-AWWA has three No Water No Beer events coming up in May, and these events are dedicated to celebrating the value of water. Tickets to the event are \$20 per person and are open to the public. The ticket price includes your admission to the event, light appetizers and a welcome package including two drink tickets, a souvenir pint glass, and vendor/water awareness swag. Events are throughout the month of May, and they are located in Ypsilanti, Kalamazoo and Grand Rapids. Registration and sponsorship information can be found on MWEA's website under the calendar of events. Thank you to KAR Laboratories and Victaulic for sponsoring all three locations!

In addition to all of this excitement, the YPs have one other event in the works: A Chicago Cubs game hosted in Chicago, IL. This event is a joint event with the Illinois and Indiana sections, and we are looking at dates in June or July. Further details related to this event



Those who walked the exhibit hall had a chance to have some fun and win prizes thanks to the Young Professional – Emerging Professional Scavenger Hunt.

should be available in the beginning of April, so check the website!

For additional information regarding the No Water No Beer Festivals or to be put on the list for the Chicago Cubs game, please contact Jenna Karazim (*jenna@karazim.us*). Thank you again to Victaulic, Badger Meter and KAR Laboratories, our top-level sponsors for Joint Expo and the No Water No Beer Festivals!







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n 1874, the City of Muskegon constructed a water system in response to a devastating fire that burned 75 businesses, 66 dwellings, and 34 other buildings. The system consisted of a number of springs that fed a constructed reservoir with a pumping station and the first water mains and hydrants. By 1907, Muskegon had constructed 48 miles of water main, 600 hydrants, 21,000 taps, several intakes and a 4 mgd steam operated pump station at a cost of \$450,000. In 1919, the City was ordered by the State Board of Health to add chlorination in response to a typhoid fever epidemic.

In 1936, the City decided to construct a new water filtration plant along the shores of Lake Michigan to provide a

safe and reliable water supply to the growing region. Their pride in the plant was evident as they had the postcard pictured above published sometime after 1936. At the time of construction, the plant had a capacity of 16 mgd and included the following; four new low lift service pumps, two rapid mix basins with Alum coagulation and Activated Carbon addition, four flocculators, two settling basins, six filters with two wash water pumps, and 3.2 million gallons of finished water storage. After several more expansions,



the 40 mgd treatment plant is still in service today and continues to be a source of pride and public health for the greater Muskegon region.

Information taken from; Flowing Wells and Municipal Water Supplies in the Middle and Northern Portions of the Southern Peninsula of Michigan, Leverett et al, USGS 1907 and Water System Construction Features and Date, (which is a summary of sanitary surveys), MDEQ 2016.

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RETURN TO TABLE OF CONTENTS

·



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Delta Charter Township Lansing, Ml 517-323-8540 Member since 1973 Lydia Demski Scope Services Inc. Saint Joseph, MI 269-983-1554 Member since 2016

0

Robert Demyanovich Brighton, MI 734-709-9485 Member since 2006

Donna Denise Village of Romeo DPW Romeo, MI 586-752-2684 Member since 2014

Derek Desgranges Village of Sunfield Sunfield, MI 517-566-8407 Member since 2014

Donald Detemple Infrastructure Alternatives Menominee, MI 906-863-6744 Member since 1995

Donald DeVries Fleis & Vandenbrink Engineering Muskegon, MI 231-726-1000 Member since 1988

Ross Devries Holland Board of Public Works Holland, MI 616-399-9410 Member since 2010

Scott DeVries City of Williamston Williamston, MI 517-655-2221 Member since 1997

Village of Dexter Utilities Dexter, MI 734-426-8303 Member since 2012

Adam Deyoung Moore & Bruggink Inc Grand Rapids, MI 616-363-9801 Member since 2015

Rory Dickey City of St. Joseph Benton Harbor, MI 269-983-1240 Member since 2012

Derek Diederich Waterford Township Water & Sewer Waterford, MI 248-618-7465 Member since 1998

David Diem City of Essexville Essexville, MI 989-893-7192 Member since 2014

Jeffrey Dietlin City of Cadillac Cadillac, MI 231-775-0181 Member since 1997

Frank Dietz Grand Rapids Water Department Grand Rapids, MI Member since 2017

Bob Dion City of Bay City Bay City, MI 989-894-8320 Member since 2014

2017 Membership Directory

Gerald Dionne Trenton, MI 734-216-2507 Member since 2006

John Divozzo Grand Traverse County Dept. of Public Works Traverse City, MI 231-775-0155 Member since 2002

Dixon Engineering, Inc. Lake Odessa, MI 616-374-3221 Member since 1987

William Dixon Dixon Engineering, Inc. Lake Odessa, MI 616-374-3221 Member since 1980

Steven Dlubala Michigan-American Water Company Calumet, MI 906-337-3502 Member since 1991

Jonathon Dmitruk City of Wyoming Utilities Department Holland, MI 616-399-7844 Member since 2012

David Dmytryka Dmytryka Jacobs Engineers Toledo, OH 419-380-4900 Member since 1995

Leo Doan Fenton, MI 810-629-8757 Member since 1997

Jason Dobson Berlin Township Newport, MI Member since 2016

John Dobson Mount Clemens Utility Dept. Mount Clemens, MI 586-469-6892 Member since 2002

Wayne Domine Bloomfield Township Bloomfield Hills, MI 248-594-2800 Member since 1992

William Dooley City of Wyoming Holland, MI 616-399-6511 Member since 1986

Chad Doornbos Allendale, MI 616-895-6078 Member since 1999

Omer Doran Germfask Water Department Germfask, MI 906-586-9697 Member since 1996

City of Dowagiac Dowagiac, MI 269-782-8200 Member since 1973

Jon Dowling City of Jackson Jackson, MI 517-788-1460 Member since 2001 John Dowson Highland Treatment, Inc. Highland, MI 248-889-1922 Member since 2000 0

Terry Drenth *Village of Ellsworth* Ellsworth, MI 231-588-6071 Member since 1988

Michael Drewyor Houghton, MI 906-370-2984 Member since 1990

Jennifer Drinan OHM Advisors Livonia, MI Member since 2014

Kris Driver East Lansing-Michigan Water Authority East Lansing, MI 517-337-7535 Member since 2009

Steve Drotoz *City of Rochester* Rochester, MI Member since 2014

Patrick Droze Orchard, Hiltz & McCliment Livonia, MI 734-522-6711 Member since 2013

Stephen Dubay City of Hazel Park Hazel Park, MI 248-542-0340 Member since 2006

Christopher DuBerg City of Hazel Park Hazel Park, MI 248-542-0340 Member since 2006

Kenny Dudzic Huron Township New Boston, MI 734-216-6890 Member since 2007

Jennifer Duff JETT Pump & Valve, LLC Waterford, MI Member since 2016

Sally Duffy Hubbell, Roth & Clark, Inc. Bloomfield Hills, MI 248-454-6583 Member since 2014

Clyde Dugan East Lansing-Meridian Water and Sewer Authority East Lansing, MI 517-337-7535 Member since 1985

Jay Duhon *Genoa Township* Howell, MI Member since 2017

Clifford Dunec Standish, MI 989-846-9360 Member since 1977

Jeffrey Dunlap City of Niles Utilities Dept. Niles, MI 269-683-4700 Member since 2014

Bruce Dunn *City of Harrisville* Harrisville, MI 989-724-6666 Member since 1996

0

Jeffrey Duprey Village of Grosse Point Shores Madison Heights, MI 313-886-0020 Member since 2002

James Dusenbury Novi, MI Member since 2016

Nicole Dyer Prein&Newhof Grand Rapids, MI 616-364-8491 Member since 2016

E

Terry Eagle Springlake Condominium Petoskey, MI 231-348-2920 Member since 2005

Douglas Earles North Star Water Management, LLC Farmington, MI 248-563-2737 Member since 2014

Zachary Earp Oakland County Water Resources Commissioners Offic Waterford, MI Member since 2015

East China Water Filtration Plant East China, MI 810-765-4647 Member since 1997

City of E. Grand Rapids Utility East Grand Rapids, MI 616-940-4870 Member since 1995

City of E. Jordan East Jordan, MI 231-536-3381 Member since 1993

East Lansing-Meridian Water and Sewer Authority East Lansing, MI 517-337-7535 Member since 2013

Molly Eastman Grand Rapids Water Department Grand Rapids, MI Member since 2016

City of Eaton Rapids Eaton Rapids, MI 517-663-8118 Member since 1973

Steve Eberle City of Adrian Utilities-Water Dept. Adrian, MI 517-264-4859 Member since 2004

Donald Echlin Mount Morris, MI 810-931-6157 Member since 2015

Alexis Edge Detroit, MI 313-208-4366 Member since 2014 Tony Edlebeck City of Kingsford Kingsford, MI 906-774-3526 Member since 2011

Village of Edwardsburg Edwardsburg, MI 269-663-8484 Member since 1978

Wyatt Eggleton City of Muskegon Water Filtration Plant Muskegon, MI Member since 2016

EJ East Jordan, MI 800-626-4653 Member since 1958

Christopher Elenbaas City of Ann Arbor Ann Arbor, MI 734-794-6350 Member since 2009

Ron Elenbaas City of Wyoming Utilities Department Holland, MI 616-399-7841 Member since 2011

Ramzi El-Gharib Westland DPS Westland, MI 734-728-1770 Member since 1995

Benoy Elias DWSD Shelby Township, MI 586-786-9388 Member since 1998

Village of Elkton Elkton, MI 989-375-2270 Member since 1981

Cathy Elliott Village of Fowlerville Fowlerville, MI 517-223-3771 Member since 2016

Patrick Elliott City of Charlevoix Charlevoix, MI 213-547-3276 Member since 2013

Sherrie Elliott Petoskey, MI 231-347-2500 Member since 2006

Robert Ellis Charter Township of Genesee Oscoda, MI 810-834-7571 Member since 2016

Thomas Ellis Charter Township of Genesee Genesee, MI 810-618-2674 Member since 2016

Dave Elston City of Monroe Monroe, MI 734-241-6074 Member since 2014

Terry Engelhardt Village of Birch Run Birch Run, MI 989-624-5711 Member since 2002 Tom Engelsma City of Wyoming Wyoming, MI 616-261-3568 Member since 2004 0

James Englen City of Farmington Farmington, MI 248-473-7250 Member since 2016

Joseph Erickson Village of Ontonagon Ontonagon, MI 906-884-2305 Member since 2012

Myron Erickson City of Wyoming Wyoming, MI 616-261-3562 Member since 2006

Ted Erickson Process Results Saline, MI 734-657-4925 Member since 1993

Michael Ermler Harper Woods, MI Member since 2000

Escanaba Municipal Water Dept. Escanaba, MI 906-786-3291 Member since 1943

David Esch Barton Hills Village Ann Arbor, MI 734-222-5209 Member since 1990

Charles Eudy City of Farmington Water Department Farmington, MI 248-473-7250 Member since 2011

Ruth Evans Bridgeport Water Supply System Bridgeport, MI 989-777-0940 Member since 2015

City of Evart Evart, MI 231-734-5793 Member since 1992

Edward Everett Blackhawk Geophysical Services Mason, MI 517-819-1343 Member since 2016

F

Tim Faas Canton Township Canton, MI 734-394-5160 Member since 2013

Russell Face Village of Quincy Quincy, MI 517-639-9065 Member since 2014

Scott Fairbanks City of Linden Linden, MI 810-735-7980 Member since 2012 Valerion Farr Detroit Water and Sewerage Department Detroit, MI 313-926-8133 Member since 2015

Village of Farwell Farwell, MI 989-588-9530 Member since 2012

Daniel Faulkner Dan Faulkner Benton Harbor, MI 989-370-0077 Member since 2015

Jeff Faultersack City of St. Joseph Coloma, MI 269-983-1240 Member since 2012

William Fazer William Fazer Powers, MI 906-497-5683 Member since 1981

Mark Fechik City of Saline Saline, MI 734-944-2003 Member since 2004

Allen Feenstra Jenison - Georgetown Township Jenison, MI 616-457-2340 Member since 2015

Todd Feenstra Tritium, Inc. Elkhart, IN 574-266-5300 Member since 2003

Bryce Feighner *MDEQ-ODWMA* Lansing, MI Member since 1990

Geoffrey Feit Linden, MI 517-546-5309 Member since 2007

Vern Feldpausch Village of Fowler Fowler, MI 989-593-2768 Member since 2004

Patrick Fellrath Charter Township of Plymouth Plymouth, MI Member since 2011

Jason Felty Plainfield Township Water Department Grand Rapids, MI 616-363-9660 Member since 2015

David Ferguson Grand Rapids Water Department Grand Rapids, MI Member since 2016

Julie Feria Prein&Newhof Grand Rapids, MI Member since 2017

David Fierstien City of E. Jordan East Jordan, MI 231-536-3381 Member since 2013 Steven Fink Muskegon County Public Works Muskegon, MI 231-724-6522 Member since 2009

Greg Fish Village of L'Anse Lanse, MI 906-524-5880 Member since 2012

Thomas Fishbaugh Ohio Rcap Fremont, OH 419-332-2032 Member since 1975

Debra Fitch Caldwell Holiday Village of Scottville, Inc. Sarasota, FL 941-957-0397 Member since 2013

Ken Flagstadt Oscoda, MI 906-280-2971 Member since 2006

Gary Flannigan Lexington Water Treatment Plant Lexington, MI 810-359-5901 Member since 1982

Alex Fleet Grand Rapids Water Department Grand Rapids, MI Member since 2016

Jaime Fleming City of Wyoming WTP Holland, MI 616-401-8618 Member since 1997

City of Flint Flint, MI 810-787-6537 Member since 1981

Martin Flynn City of Petoskey Petoskey, MI 231-347-9270 Member since 2012

Trisha Foerster Kochville Township DPW Saginaw, MI 989-710-0181 Member since 2013

Kevin Forbes Beecher Metropolitan Water District Flint, MI 810-787-6526 Member since 2015

Randal Ford Hubbell, Roth & Clark, Inc. Bloomfield Hills, MI 248-454-6338 Member since 1987

Guy Forstrom Charter Township of Breitung Quinnesec, MI 906-779-2064 Member since 1985

Kathryn Foster NSF International Ann Arbor, MI Member since 2016

Katie Fotherby Bloomfield Township Bloomfield Hills, MI Member since 2017



Marc Fournier Eagle Mine Negaunee, MI 906-203-7688 Member since 2011

Mark Fowler East Jordan, MI 231-944-8073 Member since 2007

Village of Fowlerville Fowlerville, MI 517-223-3771 Member since 2016

Jeffrey Fox City of Rochester Hills Rochester Hills, MI 248-852-2677 Member since 2012

Malcolm Fox City of Mt. Pleasant Mount Pleasant, MI 989-779-5426 Member since 1981

Donald Fralick City of Fenton Water Department Fenton, MI 248-919-9680 Member since 1999

Eric Francik Grand Rapids Water Department Grand Rapids, MI Member since 2016

Joshua Frazee City of St. Joseph Saint Joseph, MI 269-983-1240 Member since 2014

Paul Freedman Limno-Tech., Inc. Ann Arbor, MI 734-332-1200 Member since 1996

George Freiberg Hazen and Sawyer, PC Marion, MI 313-961-3050 Member since 2008

City of Fremont Fremont, MI 231-924-2101 Member since 1987

Donald French Bark River, MI 906-786-6026 Member since 1984

Terri Frey Waterford Twp. Waterford, MI 248-618-7402 Member since 2016

Arlan Friisvall Keweenaw Bay Indian Community Keweenaw Bay, MI 906-353-2626 Member since 2016

William Fritz Waterford Township Waterford, MI 248-618-7464 Member since 1995 Bob Fry Ypsilanti Community Utilities Authority Ypsilanti, MI 734-485-7562 Member since 2006

G

Ira Gabin Dixon Engineering, Inc. Dewitt, MI 616-374-3221 Member since 1985

Mary Gaedt Waterford, MI 248-623-3232 Member since 2001

Derek Gajdos City of Norton Shores Norton Shores, MI 231-799-6804 Member since 2000

Troy Gallagher Mead & Hunt Escanaba, MI 906-273-1568 Member since 2002

James Gallogly City of Northville Wtr & Swr Northville, MI 248-349-3271 Member since 1996

Richie Garcia South Haven Board of Public Utilities South Haven, MI Member since 2016

Drew Gariepy Redford, MI 313-532-4140 Member since 1995

Catherine Garnham F & V Operations and Resouce Management East Tawas, MI 989-362-0050 Member since 1998

Grant Gartrell Grosse Pointe Farms, MI 313-926-8139 Member since 2002

Stephen Gasteyer Michigan State U Dept. of Sociology Rm 316 East Lansing, MI 517-355-3505 Member since 2002

Douglas Gay City of Grand Rapids West Olive, MI 231-780-3415 Member since 2007

Christopher Geiger Holland BPW Holland, MI 843-364-4632 Member since 2012

Ken Gensterblum City of Portland Portland, MI 517-647-2948 Member since 2006

Daniel Geyer Village of Manchester Manchester, MI 734-428-7171 Member since 2008 David Geyer Norton Shores, MI 231-798-7241 Member since 1976

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Mohamed Ghorab Lansing, MI Member since 2017

Mike Gibson Village of Climax Climax, MI 269-746-4174 Member since 2008

Allen Gill Waterford Township Dept. of Public Works Waterford, MI 248-431-0484 Member since 2012

Doug Gillean City of Grand Rapids Grand Rapids, MI 616-456-3881 Member since 2005

Amy Gilson City of Charlotte Charlotte, MI 517-543-8858 Member since 2005

Mark Gladieux City of Monroe Monroe, MI 734-240-6074 Member since 2014

City of Gladstone Gladstone, MI 906-428-3460 Member since 1987

Kelly Gleason Eaton Rapids, MI Member since 2014

Mark Glessner City of Three Rivers Three Rivers, MI 269-273-1845 Member since 1998

Paul Glinski Huron Charter Township DPW New Boston, MI 734-753-3442 Member since 2000

Michael Glowinski *Alpena SUEZ* Alpena, MI 989-354-1400 Member since 1987

Ron Gobler Wolverine Water Works, Inc. Waterford, MI 248-673-4310 Member since 2001

Joseph Goergen Genesee County Div. W&WS Flint, MI 810-232-7662 Member since 1989

Kristin Goetze Johnson & Anderson, Inc. Waterford, MI 248-681-7800 Member since 1996

Robert Goodheart Pathfinder Engineering, Inc. Wyoming, MI 616-531-7422 Member since 1989 Angie Goodman Lansing Board of Water & Light Lansing, MI 517-702-7059 Member since 2014

Thomas Gordon Iron Mountain, MI 906-779-0166 Member since 2008

John Gorney City of Kentwood Kentwood, MI 616-554-0825 Member since 1999

Gerald Goshorn Alma, MI 989-463-4580 Member since 1960

Daryl Gotham Saginaw, Ml 989-450-8146 Member since 1999

Thomas Gott City of Mount Clemens Mount Clemens, MI 586-469-6818 Member since 2007

Michael Grabbe Village of Lawton Lawton, MI 269-624-6406 Member since 1992

Adam Grabetz City of Rockwood Rockwood, MI 734-216-0657 Member since 2000

Joe Graf Clarkston, MI Member since 2012

Judy Graham City of Portage Portage, MI 269-329-4424 Member since 2014

City of Grand Haven Dept. of Public Works Grand Haven, MI 616-847-3493 Member since 2011

Grand Haven Water Treatment Plant Grand Haven, MI 616-847-3487 Member since 1970

Grand Rapids Water Department Grand Rapids, MI 616-456-4238 Member since 1987

Grand Traverse County Dept of Public Works Traverse City, MI 231-995-6054 Member since 1977

James Granger Granger & Associates Inc. Cheboygan, MI 231-627-2763 Member since 1968

Thomas Gray Saginaw, MI 989-791-8099 Member since 1990 Great Lakes Water Authority Detroit, MI 313-964-9501 Member since 2016

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J. Green Lockwood Andrews & Newnam Oakbrook Terrace, IL 630-495-4199 Member since 1990

Robert Green AECOM Southfield, MI 313-304-6614 Member since 1988

Roy Green Powell Fabrication & Manufacturing, Inc. Saint Louis, MI 989-681-2158 Member since 2009

City of Greenville Greenville, MI 616-754-5098 Member since 1975

Richard Greenwell Walled Lake, MI 248-875-4620 Member since 2014

Peter Greiner Ann Arbor, MI 734-769-5517 Member since 1993

Letisha Griffith Highland Treatment Inc. Ortonville, MI 248-627-6741 Member since 2007

Kevin Gritters Prein & Newhof Grand Rapids, MI 616-364-8491 Member since 2006

Andrew Gronewold NOAA Ann Arbor, MI 734-741-2444 Member since 2000

Jim Groose Watersurplus Loves Park, IL 815-636-8833 Member since 2003

Grosse Ile D.P.W. Grosse Ile, MI 734-676-4422 Member since 2000

City of Grosse Pointe Farms Grosse Pointe Farms, MI 313-590-0193 Member since 2013

Herb Grunwell Saginaw Charter Township Saginaw, MI 989-791-9870 Member since 2005

David Guastella Alfred Benesch & Company Detroit, MI 313-963-0612 Member since 1992

Patrick Gubry Ecoworks Detroit, MI 313-600-4862 Member since 2016

2017 Membership Directory

Greg Gucwa Johnson & Anderson Waterford, MI Member since 2008

0

Robert Guerin City of Dearborn Dearborn, MI 313-943-2308 Member since 2007

Prasad Gullapalli Royal Oak, MI Member since 2016

Lennard Gumaer Brilliant Systems, LLC Bloomfield Hills, Ml 248-366-7900 Member since 2015

Gary Gunsell City of Linden Linden, MI 810-735-7980 Member since 2012

Thomas Gunst City of New Baltimore New Baltimore, MI 586-725-9511 Member since 2001

Dennis Gustafson City of Bessemer Bessemer, MI 906-663-0241 Member since 1999

Dan Gutting City of Williamston Williamston, MI 517-655-2221 Member since 2010

Stephen Guy City of Fenton Fenton, MI 810-614-1761 Member since 2005

Kendra Gwin City of Portage Portage, MI 269-329-4442 Member since 2001

H

Elton Hackenberg *Village of Marcellus* Marcellus, MI 269-646-3310 Member since 2010

George Haga Ada Township Water Department Ada, MI 616-676-9191 Member since 1989

Sarah Haig University of Michigan Ann Arbor, MI 734-764-6352 Member since 2014

Jennifer Hamel Lansing Board of Water and Light Lansing, MI Member since 2014

Scott Hamelink Grand Ledge, MI 517-702-6512 Member since 2011

Bruce Hamlett Hamlett Environ. Technologies Howell, MI 517-545-2500 Member since 1978 Steve Hammond City of Montague Montague, MI 231-893-2235 Member since 2011

Hampton Township Essexville, MI 989-893-7541 Member since 2014

Dean Hand Marenisco Township Hall Marenisco, MI 906-787-2463 Member since 2013

Joel Hanenburg Georgetown Township Jenison, MI 616-457-2340 Member since 1999

Jeffrey Hanselman Lansing, MI 586-822-.361 Member since 2017

Jeffrey Hansen LAN Flint, MI 810-333-3201 Member since 2006

Raymond Hansen City of Rogers City Rogers City, MI 989-734-2880 Member since 2009

City of Harbor Beach Harbor Beach, MI 989-479-6730 Member since 2012

City of Harbor Springs Harbor Springs, MI 231-526-0604 Member since 2013

Robert Harbron Farmington, MI 313-580-5170 Member since 1986

Daniel Harkema Byron-Gaines Utility Authority Byron Center, MI 616-971-0002 Member since 2015

Tim Harmon Waterford Township Dept. of Public Works Waterford, MI 248-618-7493 Member since 2012

Dave Harran *City of Grand Rapids* Grand Rapids, MI Member since 2001

Benston Harris B.D. Harris, Inc. Madison Heights, MI 248-291-5392 Member since 2003

Jody Harrison *Suez-Na* Wixom, MI Member since 2016

Kevin Harrison Burtchville, Ml Member since 1989

Tiffany Harrison *Wade Trim, Inc.* Flint, MI 810-235-2555 Member since 2006 Perry Hart City of Battle Creek Battle Creek, MI 269-966-3481 Member since 2006

Jerry Harte Michigan Water Environment Assoc. Bath, MI 517-641-7377 Member since 2013

0

Hartland Township Hartland, MI 810-632-7498 Member since 2011

Troy Hartz City of Caseville Caseville, MI 989-856-.440 Member since 2017

Mike Harvey Crystal Lake, IL 312-405-7965 Member since 2006

Robert Harvey Village of Paw Paw Paw Paw, MI 269-657-3169 Member since 2005

Aaron Haskin City of Allegan Allegan, MI 269-686-1115 Member since 2003

City of Hastings Hastings, MI 269-945-2468 Member since 2015

Bruce Hauch Village of Three Oaks Three Oaks, MI 269-756-2020 Member since 1988

David Haut City of Owosso Water Department Owosso, MI 989-725-0560 Member since 2016

Bruce Hawkinson Mead and Hunt, Inc. Norway, MI 906-563-1310 Member since 1977

Diane Haworth Holland Board of Public Works Holland, MI 734-214-6202 Member since 2016

Anna Hayden Ann Arbor, MI Member since 2017

Ronald Hayes Great Lakes Water Authority Detroit, MI 313-535-2171 Member since 1989

Yvette Hayes-Johnson Great Lakes Water Authority Detroit, MI 313-926-8116 Member since 2002

Lee Hays City of Hastings Hastings, MI Member since 2016 Kevin Haywood Great Lakes Water Authority Detroit, MI 313-926-8145 Member since 2016

Stan Hazan NSF International Ann Arbor, MI 734-769-5105 Member since 1989

James Heath Heath Consulting Services Detroit, MI 313-342-9680 Member since 1983

Joe Hebert Ottawa County Road Commission Grand Haven, MI 616-842-5400 Member since 1990

Don Heck Wolverine Engineers & Surveyors Mason, MI 517-676-9200 Member since 2000

Michael Helder Holland Board Public Works Holland, MI 616-834-1431 Member since 1996

Al Henderson Argonics, Inc. Gwinn, MI 906-315-4128 Member since 2012

David Henry City of Monroe Water Dept. Monroe, MI Member since 1998

David Hensley Grosse Pointe Woods, MI 313-737-0609 Member since 1999

Forrest Herald East Lansing/Meridian Water East Lansing, MI 413-773-8187 Member since 2017

Jeffrey Herczeg City of Auburn Hills Auburn Hills, MI 248-391-3777 Member since 2013

Christine Herndon Herndon Solutions Group Las Vegas, NV 702-487-.389 Member since 2008

Robert Hesse Grand Rapids Water Department Grand Rapids, MI Member since 2016

Brian Hettinger City Of Fremont Fremont, MI 231-924-2101 Member since 2000

Mike Hielkema Grand Rapids Water System Wayland, MI 616-456-4170 Member since 2011

Bill Hildebrand Carlon Meter, Inc Grand Haven, MI 616-842-0420 Member since 2012 Christopher Hiltunen Ira Township Ira, MI 586-725-7231 Member since 2012

John Hines Houghton Lake Sewer Authority Houghton Lake, MI Member since 2015

Jefferey Hinojosa Huron Charter Township DPW New Boston, MI 734-753-9376 Member since 1989

Joseph Hoban Dixon Engineering, Inc. Menasha, WI 800-327-1578 Member since 2006

Richard Hobgood Romulus, MI 734-466-4492 Member since 2015

David Hobson Charter Township of Grand Blanc Grand Blanc, MI 810-424-2640 Member since 1991

Jennifer Hodges Gourdie-Fraser, Inc. Traverse City, MI 231-946-5874 Member since 2010

John Hodges Village of Sparta Sparta, MI 616-887-3788 Member since 2006

Tracy Hoff Deckerville, MI 810-376-9505 Member since 1998

Edward Hogan *Wade Trim* Farmington Hills, MI 313-610-5398 Member since 2005

William Hogan City of Trenton Trenton, MI 734-675-8251 Member since 2001

Kraig Hohf City of Marysville Marysville, MI 810-364-8340 Member since 2007

Laura Hoisington Wolverine Power Supply Cooperative Inc Cadillac, MI 231-429-9783 Member since 2016

Holland Board of Public Works Holland, MI 616-355-1642 Member since 1946

Holland Charter Township Holland, MI 616-396-1891 Member since 1971

John Holland Michigan Rural Water Association Harrison, MI Member since 2016



David Holmgren C2AE Escanaba, MI 906-399-6919 Member since 1995

Village of Homer Homer, MI 517-568-4321 Member since 1998

Scott Homminga City of Grosse Pointe Farms Grosse Pointe Farms, MI 313-343-2328 Member since 2003

Kelly Hon Michigan Rural Water Association Harrison, MI 989-539-4111 Member since 2003

Eric Hoogerhyde EJ East Jordan, MI 231-536-2261 Member since 2014

Mark Horgan Genesee County Water & Waste Services Flint, MI 810-732-7870 Member since 1996

Doug Horiski American Water Company/ Engineering Dept. Voorhees, NJ 248-880-7329 Member since 2015

Scott Houghtaling City of Norton Shores Norton Shores, MI 231-798-2156 Member since 2010

Brian House Spicer Group Saint Johns, MI 989-224-2355 Member since 1999

Scott House City of East Lansing East Lansing, MI 517-337-9459 Member since 2015

James Houska Elsie, MI 989-862-5090 Member since 1988

Village of Howard City Howard City, MI 231-937-4311 Member since 2014

Jessica Howard Orchard, Hiltz, & McCliment Livonia, MI 734-522-6711 Member since 2013

City of Howell Howell, MI 517-546-5309 Member since 1998

Sharon Hu Ann Arbor, MI Member since 2016 James Hubbell Bloomfield Hills, MI 248-852-6123 Member since 1961

John Hudak Hydrocorp Troy, MI 248-250-5005 Member since 2009

Robert Hudson Adams Township South Range, MI 906-482-8395 Member since 1992

Darrick Huff Spicer Group Inc. Saginaw, MI 989-754-4717 Member since 2012

Jack Hughes Holland Board of Public Works Holland, MI Member since 2012

Glenn Hummel HESCO Warren, MI 586-978-7200 Member since 2004

John Hunter East Jordan, MI 248-546-2004 Member since 1997

Robin Hunter City of Jackson WTP Jackson, MI 517-788-4075 Member since 2015

William Hunter City of Grand Haven Dept. of Public Works Grand Haven, MI 616-847-3493 Member since 2011

City of Huntington Woods Huntington Woods, MI 248-547-1888 Member since 1989

Craig Hupy Ann Arbor Public Services Ann Arbor, MI Member since 1990

Norman Hurren City of Port Huron Carsonville, MI 810-984-9781 Member since 2007

Jason Hyde Kimball Township Kimball, MI 810-985-8992 Member since 2014

I

Thomas Idema Michigan Meter Tech Group Byron Center, MI 248-298-9169 Member since 1988

Mark Ignatowski MHOG Water and Sewer Authority Howell, MI 517-219-3030 Member since 2017

Independence Township DPW Clarkston, MI 248-625-8222 Member since 1994 Scott Ingraham Grand Rapids Water Department Belmont, MI 616-456-3700 Member since 2012

Integrated Security Corporation Novi, MI 248-624-0700 Member since 2015

Ira Township Ira, MI 586-725-7231 Member since 2013

0

Charles Ireland Orion Township Lake Orion, MI 248-393-7018 Member since 1983

Iron Mountain Water Department Iron Mountain, MI 906-774-1794 Member since 1952

City of Iron River Iron River, MI 906-265-4719 Member since 2013

City of Ironwood Water Utility Ironwood, MI 906-932-5050 Member since 1996

Cynthia Irving Lansing Board of Water & Light Lansing, MI Member since 2013

Warren Isaacson Mead & Hunt Inc. Felch, MI 906-399-0532 Member since 1977

Douglas Iseler Iseler Demolition Inc. Port Hope, MI 800-338-8396 Member since 1992

Matt Iseler Village of Mayville Mayville, MI 989-843-6621 Member since 2015

Ishpeming Township Ishpeming, MI 906-485-5411 Member since 2014

Younes Ishraidi Meridian Charter Township Okemos, MI 517-853-4440 Member since 2001

Michael Itrich Marine City Public Works Marine City, MI 810-765-9711 Member since 2015

Mohamad Jaber Dearborn, MI 313-999-3464 Member since 2003

Robert Jackovich Southeastern Oakland Co. Wtr. Auth. Royal Oak, MI 248-288-5150 Member since 1992 **City of Jackson** Jackson, MI 517-788-1460 Member since 2011

2017 Membership Directory

Zachary Jackson Detroit, MI 313-273-9176 Member since 1988

Sunny Jacob Great Lakes Water Authority Detroit, MI 248-374-2270 Member since 2010

Justin Jaime Saginaw, MI 989-752-7911 Member since 2014

Eric Jancsi Forsyth Township Water Gwinn, MI 906-362-7491 Member since 2012

David Jansen Genesee County Water & Waste Services Flint, MI 810-732-7870 Member since 1996

Brian Jeffries City of Monroe Water Plant Monroe, Ml 734-241-5947 Member since 2013

AJ Jensen City of Southfield Southfield, MI 248-796-4857 Member since 2012

Daniel Jernagan Village of Homer Homer, MI 517-568-4321 Member since 2015

Wayne Jernberg Grand Rapids Water Department Grand Rapids, MI 616-456-4055 Member since 2007

Bivins Jerome City of Inkster Inkster, MI 313-563-2821 Member since 2012

Bruce Jerome Novi, MI 248-658-3490 Member since 1980

Alan Jessup City of Clare Clare, MI 989-386-2182 Member since 2011

Chris Johnson Michigan Meter Technology Group Madison Heights, MI 248-298-9810 Member since 2013

Loren Johnson Benton Harbor, MI 269-925-4057 Member since 2012

Mark Johnson George Instrument Royal Oak, MI 248-280-0000 Member since 2004 Matt Johnson City of Kalamazoo -Dept. of Pub. Svcs. Kalamazoo, MI Member since 2015

00

Stephanie Johnson Michigan DEQ Warren, MI 586-506-6137 Member since 2015

David Johnston EJ USA Inc. East Jordan, MI 231-536-2261 Member since 2016

Brent Jones Village of Grass Lake Grass Lake, MI 517-522-4530 Member since 2013

Robert Jones Howell, MI 810-220-9441 Member since 1997

W. Jones Great Lakes Water Authority Detroit, MI Member since 2014

City of Jonesville Jonesville, MI 517-849-2104 Member since 2014

Cheryl Jordan Great Lakes Water Authority Detroit, MI Member since 2016

Mark Joseph DeWitt, MI 517-290-0170 Member since 2005

Balram Joshi Midland Water Department Midland, MI 989-837-3520 Member since 2016

Richard Judkins Ann Arbor Charter Township Ann Arbor, MI 734-663-3418 Member since 1989

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RETURN TO TABLE OF CONTENTS

0

Ryan Justin Ann Arbor Public Services Ann Arbor, MI 734-794-6426 Member since 2015

к

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\mathbf{L}

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Robert Martin City of South Lyon South Lyon, MI 248-437-4006 Member since 2002

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Joel Martinez East Lansing Meridian Water Auth. East Lansing, MI 517-204-4961 Member since 2001

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RETURN TO TABLE OF CONTENTS

· A

0

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4

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WATER WORKS NEWS | Spring 2017 33

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Olivia Olsztyn-Budry Bloomfield Townshin Bloomfield Hills, MI 248-594-2807 Member since 2013

Michael O'Malley Saint Ioseph, MI 574-274-3889 Member since 1992

Paul O'Meara City of Birmingham Water Dept. Birmingham, MI 248-530-1836 Member since 2001

City of Onaway Water Dept. Onaway, MI 989-733-6548 Member since 1987

Village of Ontonagon Ontonagon, MI 906-884-2305 Member since 1998

Orion Township Dept. of Pub. Wks. Lake Orion, MI 248-393-7018 Member since 2002

Shawn Orlaske Saint Joseph, MI 269-429-5113 Member since 1996

Joseph Ortquist Holland BPW Holland, MI 616-355-1546 Member since 2001

Ottawa County Road Commission Grand Haven MI 616-850-7208 Member since 2016

James Ouzts Rockford, MI 616-204-5967 Member since 2007

City of Owosso Water Department Owosso, MI 989-725-0555 Member since 1990

Kenny Ozanich City of Berkley Berkley, MI 248-658-3490 Member since 2008

Kirk Page Township of Marquette Marquette, MI 906-228-6220 Member since 1981

Р

Carl Palma City of Grand Rapids West Olive, MI 616-456-3930 Member since 1995

Valerie Palmer Eaton Green Estates Water Charlotte, MI 517-543-6649 Member since 1998

Mark Panzegrau Bridgman, MI Member since 2004

John Paquin City of Kalamazoo Dept. of Pub. Svcs Kalamazoo, MI 269-337-8737 Member since 1994

Charles Parker Charles Parker, II Swartz Creek, MI 810-701-5511 Member since 2015

Matthew Parks Orchard, Hiltz & McCliment Livonia, MI 734-522-6711 Member since 2006

Andrew Parrott City of Midland Midland, MI 989-430-1203 Member since 2007

Mark Parsley Fishbeck, Thompson, Carr & Huber Grand Rapids, MI 616-464-3842 Member since 2013

Nicole Pasch City of Grand Rapids, MI Grand Rapids, MI 616-456-3117 Member since 2013

James Paschal Howell, MI 734-347-7428 Member since 2002

Gary Pashaian Monroe Environmental Corp. Monroe, MI 734-242-7654 Member since 2010

M Patel City of Dearborn Dearborn, MI 313-943-2145 Member since 2012

Frank Patrello Waterford Township Dept. of Public Works Waterford MI 248-618-7493 Member since 2012

Paul Patterson Hydrocorp Troy, MI 734-904-5153 Member since 2008

Steven Patterson Village of Ravenna Ravenna, MI 231-853-2360 Member since 1993

Jan Pavlicek Detroit, MI 313-549-0236 Member since 1989

Christine Pawlak Holland Board of Public Works Holland, MI 616-355-1251 Member since 2008

Jason Payne City of Linden Linden, ML 810-735-7980 Member since 2012

William Pearson Pearson Drilling Company Lake City, MI 231-839-4444 Member since 1997

John Peck Croswell Water Dept. Croswell, MI 810-679-2120 Member since 2014

Randy Peck Plainfield Township Water Department Grand Rapids, MI 616-363-9660 Member since 2015 Jeff Peden City of St. Joseph Stevensville, MI

269-983-1240 Member since 2012 Deborah Pellow

Ishpeming Area Wastewater Ishpeming, MI 906-486-4391 Member since 1998

Kimberly Pendell Dihydro Services Sterling Heights, MI 586-978-0425 Member since 2015

Duane Pendred Sims-Whitney Utilities Authority Au Gres, MI 989-876-7904 Member since 2007

Pennfield Charter Township Battle Creek, MI 269-209-5861 Member since 2000

Alan Pennington Moore & Bruggink Inc. Grand Rapids, MI 616-363-9801 Member since 2003

Pentland Twp. Wtr. Dept. Newberry, MI 906-293-875 Member since 2002

City of Perry Perry, MI 517-625-6155 Member since 1993

Derek Perry Meridian Charter Township Okemos, MI 517-853-4654 Member since 2004

Truman Peters Detroit Water Department Detroit, MI 313-581-3497 Member since 1999

Steven Peterson Port Huron Charter Township Port Huron MI 810-987-6600 Member since 1989

Donald Petrovich Plainfield Township Water Dept Grand Rapids, MI 616-364-7174 Member since 1991

Brian Phillips FTC&H Grand Rapids, MI 616-464-3807 Member since 2006

Randy Phillips City of North Muskegon North Muskegon, MI 231-719-1200 Member since 2017

Gino Piccirilli Oakland County Water Resources Commissioner Waterford, MI Member since 2016

Josh Pierce Village of Nashville Nashville, MI 517-852-9571 Member since 2007

RETURN TO TABLE OF CONTENTS

0

0

Richard Pierson Gull Lake Sewer & Water Auth Richland, MI 269-731-4595 Member since 1995

Catlin Pietrowski E. Lansing Meridian Water & Swr Auth. East Lansing, MI 517-337-7535 Member since 2011

Deve Pihlaja City of Hancock Hancock, MI 906-482-0619 Member since 1992

Mark Pilkington Carrollton Township Saginaw, MI 989-754-4611 Member since 2006

Village of Pinckney Pinckney, MI 734-878-0666 Member since 1991

Dean Pine City of Monroe Monroe, MI 734-755-6441 Member since 1998

Jeff Pinkowski Cambridge Brass Daytona Beach Shores, FL 800-724-3906 Member since 1995

City of Plainwell, #111 Plainwell, MI 269-685-9363 Member since 1987

Darryll Plamondon Ludington, MI 231-845-1500 Member since 2015

Adele Pleatman West Bloomfield, MI 248-737-8784 Member since 1992

Bob Plonka *City of St. Clair* Saint Clair, MI Member since 2017

Amy Ploof Oakland County Water Resources Commissioner Waterford, MI Member since 2015

David Plooster EJ Wyoming, MI 616-669-2257 Member since 1998

City of Plymouth Plymouth, MI 734-453-7737 Member since 1998

Tom Pollock City of Greenville Greenville, MI 616-754-5098 Member since 2005

William Poole Village of Quincy Quincy, MI 517-639-9065 Member since 2016 William Popp Johnson & Anderson Waterford, MI 248-821-1887 Member since 2015

Chris Porman City of Plymouth Plymouth, MI 734-453-7737 Member since 2007

Cheryl Porter Great Lakes Water Authority Detroit, MI 313-964-9390 Member since 2005

Albert Posthuma Spring Lake, MI 616-296-2348 Member since 1968

Arden Postma Grand Rapids Water Department Grand Rapids, MI Member since 2016

Aaron Potter White Lake Township Water Department White Lake, MI Member since 2012

David Potter Arlington Estates Muskegon, MI Member since 2010

Luke Potter City of Clare Clare, MI 989-386-2182 Member since 2011

Powell Fabrication & Manufacturing, Inc. Saint Louis, MI 989-681-2158 Member since 1994

John Powell City of Chelsea Chelsea, MI 734-972-6534 Member since 2016

Marti Praschan City of Ann Arbor Ann Arbor, MI 734-794-6310 Member since 2008

Catherine Prein Prein & Newhof Grand Rapids, MI 616-364-8491 Member since 1988

Mark Prein Grand Rapids, MI 616-363-9936 Member since 1996

Preload, LLC Preload, LLC Garland, TX 972-994-0550 Member since 1944

Blaine Preston FER-PAL Taylor, MI Member since 2017

Sydney Preston Fleis & VandenBrink Grand Rapids, MI 616-965-8776 Member since 2016 Ed Priehs City of Imlay City Imlay City, MI 810-724-8712 Member since 2011

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Brad Pryor City of Monroe Water Plant Monroe, MI 734-241-5947 Member since 2015

Jeff Pugh Fleis & VandenBrink Engineering, Inc. Grand Rapids, MI 616-891-9504 Member since 2003

Lucy Pugh AECOM Grand Rapids, MI 616-574-8321 Member since 2004

David Purkiss NSF International Ann Arbor, MI 734-827-6855 Member since 1996

Vicki Putala OHM Advisors Livonia, MI 734-522-6711 Member since 1996

Q

Ed Queen *City of Wayne* Wayne, MI Member since 2016

Michael Quinnell Saginaw-Midland Water Supply Bay City, MI 989-684-2220 Member since 2004

R

James Rabine Grand Blanc, MI Member since 1977

John Racek Comstock Park, MI 616-363-9801 Member since 1979

Tim Rafferty *EJ* East Jordan, MI Member since 2014

Patrick Raftery City of Trenton WWTP Trenton, MI 734-692-1171 Member since 1991

John Rakoczy Rangeline Tapping Services, Inc. Royal Palm Beach, FL 800-346-5971 Member since 2004

Jose Ramirez Pennfield Charter Township Battle Creek, MI 269-968-8549 Member since 2002

Ryan Ramirez Barton Malow Southfield, MI 248-436-5330 Member since 2016 Frank Rampton Trenton Corporation Ann Arbor, MI 734-368-7528 Member since 1999

Lutgarde Raskin University of Michigan Ann Arbor, MI 734-647-6920 Member since 1990

Matthew Ratz City of Monroe Water Plant Monroe, MI 734-241-5947 Member since 2015

Jayne Rauch KAR Laboratories Kalamazoo, MI 269-381-9666 Member since 1999

Matthew Raysin Genessee County Water & Wastewater Flint, MI 810-732-7870 Member since 1999

City of Reading Reading, MI 517-283-2604 Member since 2015

Red Flint Sand and Gravel Eau Claire, WI 800-238-9139 Member since 1997

James Redding Rowe Professional Services Company Flint, MI 810-341-7500 Member since 1991

City of Reed City Reed City, MI 231-832-2245 Member since 2015

Joel Reed City of Monroe Monroe, MI 734-243-0700 Member since 2014

Barry Reeder Ferndale, MI 248-288-5150 Member since 2000

Kimberly Reeder Portage, MI Member since 1984

Chad Reenders Grand Rapids Water Department Grand Haven, MI 616-846-0582 Member since 2012

Rich Rehkopf City of Reed City Reed City, MI Member since 2016

Dean Reid Novi, MI 248-379-2290 Member since 2009

James Reinhold Branch, MI 248-585-3700 Member since 1984

Joe Reinke State of Michigan Bay City, MI 989-894-6251 Member since 2013 Paul Reinsch City of Saginaw Water Treatment Plant Saginaw, MI 989-667-0027 Member since 1990

Timothy Reisbig City of Ionia-Dpw Ionia, MI 616-527-5786 Member since 2012

Rick Reitz Village of Michiana New Buffalo, MI 269-469-4600 Member since 2011

Chad Reul Grand Rapids Water Department Grand Rapids, MI Member since 2015

Andrew Reynolds Holland Board of Public Works Holland, MI 616-355-1540 Member since 2015

Stacey Reynolds *Ypsilanti Community Utilities Authority* Ypsilanti, MI Member since 2016

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Bruce Rhees City of Chelsea Chelsea, MI 734-717-3610 Member since 2016

Brian Rice Fleis & VandenBrink Engineering, Inc. Grand Rapids, MI 616-977-1000 Member since 2002

James Rice Marquette, MI 906-249-4580 Member since 1998

Jared Richards Alfred, Benesch & Company Newport, MI 313-909-1139 Member since 2002

Mike Richards Pentland Twp. Wtr. Dept. Newberry, MI 906-293-8577 Member since 2011

Richland Township Water Dept. Hemlock, Ml 989-642-2097 Member since 2003

Stanley Rickard City of Hart Hart, MI 231-873-2488 Member since 1977

Karen Ridgway Applied Science, Inc. Detroit, MI 313-567-3990 Member since 1986

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2017 Membership Directory

WATER WORKS NEWS | Spring 2017 35

lames Ritsema City of Kalamazoo - Dept. of Pub. Svcs. Kalamazoo, MI Member since 2015

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Jose Rivera White Birch Village Iron Mountain, MI 906-774-6041 Member since 2016

Pat Rivera Village of Mackinaw City Mackinaw City, MI Member since 2002

Matthew Rizzo Michigan Meter Technology Group, Inc. Madison Heights, MI 248-585-3700 Member since 2015

Michael Robbins City of Petoskey Petoskey, MI 231-347-2500 Member since 2005

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Jessica Roche University of Michigan Health System Ann Arbor, MI 734-232-3466 Member since 2016

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City of Rockford Rockford, MI 616-866-1537 Member since 2014

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Kevin Ronev City of Garden City DPS Garden City, MI 734-793-1805 Member since 1993

Thomas Rook Perceptive Service & Operations . Plainwell, MI 616-299-6019 Member since 1985

Randall Roost Randall Roost Lansing, MI 517-702-6114 Member since 1995

Casev Rose Marquette MI Member since 2013

Joan Rose Michigan State University Stores East Lansing, MI 517-432-4412 Member since 1986

Mark Rose Escanaba, MI 906-630-1864 Member since 1984

Ron Rose Water District #1 of Midland County Sanford, MI 989-687-2709 Member since 1993

Rosedale Products Inc. Ann Arbor MI 734-665-8201 Member since 2010

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Andrew Ross Dearborn, MI 313-791-0796 Member since 1988

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Steven Rowland Saint Clair Shores, MI 586-246-0949 Member since 2004

Justin Roy City of Traverse City Traverse City, MI 231-922-4923 Member since 2011

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Austin Rupert Howell, MI Member since 2017

Randall Russell Michigan City Dept of Water Works Michigan City, IN 219-874-3228 Member since 1975

William Ruth Redford, MI Member since 2017

Port Austin, MI 989-738-4180 Member since 2003

Steven Rutkowski Spicer Group Saginaw, MI 989-754-4717 Member since 2013

Ryan's Modern Sewer Cleaning Grand Rapids, MI 616-458-3993 Member since 2002

Wavne Rvbak City of Rochester Hills Rochester Hills, MI 586-752-2004 Member since 1993

Richard Rzeczkowski City of Berkley Berkley, MI 248-658-3490 Member since 2008

Seyed Mohsen Sadatiyan Abkenar CDM Smith Detroit, MI 313-899-0365 Member since 2016

William Sadler Adrian Water Department Adrian, MI 517-264-4825 Member since 2015

Saginaw Chippewa Indian Tribe Mt Pleasant, MI 989-775-5222 Member since 2001

City of Saginaw Saginaw, M 989-759-1520 Member since 1984

Saginaw-Midland Water Supply Bay City, MI 989-684-2220 Member since 1989

Michelle Sahli University of Michigan-Flint Flint, MI 810-762-3172 Member since 2016

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Imad Salim Wade Trim Detroit, MI 313-961-3650 Member since 2010

Phillip Salvatori City of Novi Water Department Novi, MI 248-763-1603 Member since 2016

Terry Samann Village of Vermontville Vermontville, MI 517-726-1444 Member since 2014

Justin Sand Saint Clair Shores, MI 248-681-7800 Member since 2015

Jerry Sanders Twin Lake, MI 313-468-5552 Member since 2000

Larry Sanford Milan, MI 734-994-2840 Member since 1979

Edward Santiago BASF Corporation Wyandotte, MI 734-324-2686 Member since 2015

Biren Saparia Great Lakes Water Authority Detroit, MI Member since 2012

Scott Sarasin All Stars Milford, MI 248-390-4212 Member since 2015

Kevin Sargent City of Trenton Water Department Trenton, MI 734-675-8470 Member since 2016

Buddy Sasquach Ann Arbor, MI 517-896-3615 Member since 2015

David Savant Fast Jordan, MI 231-536-4540 Member since 2006

Don Saville Custom Service & Design, Inc. Auburn Hills MI 248-340-9005 Member since 2015

Ron Schaefer Wolverine Power Systems Zeeland, MI 616-844-8920 Member since 2015

Richard Schafer Kaleva, M 231-362-3366 Member since 1995

Steve Schantz Ann Arbor Public Services Ann Arbor, MI 734-794-6000 Member since 2013

David Schendel Canton, MI Member since 1980

Eric Schiebold Environmental Sales, Inc. Southfield, MI 248-569-9393 Member since 1997

Eric Schiesswohl Saginaw, MI 989-791-9870 Member since 1993

Ken Schippers Village of Vicksburg Vicksburg, MI Member since 2004 Dan Schlaff Village of Dexter Utilities Dexter, MI 734-426-4572 Member since 2012

Michael Schlegelmann City of Troy, Mich. Troy, MI 248-885-1981 Member since 1996

Brian Schmidt Saint Joseph, MI 269-983-0718 Member since 1988

Ray Schmidt City of Chelsea Chelsea, MI 734-475-1771 Member since 2014

Leslie Schmidtke Grosse Ile Dept. of Pub. Wks. Grosse Ile, MI 734-676-5959 Member since 1988

David Schmuker Sparta, MI 616-690-2104 Member since 2015

Allan Schneck City of Rochester Hills Rochester Hills, MI 248-656-4685 Member since 2011

Bob Schneider Lansing, MI 517-388-6466 Member since 2016

lames Scholl Hubbell Roth & Clark Bloomfield Hills, MI 517-303-5584 Member since 1986

Garry Scholten Allendale Township Water Allendale, MI 616-895-5142 Member since 1999

Brad Schotanus Dixon Engineering, Inc. c/o Heidi Stoneman Lake Odessa, ML 630-220-1410 Member since 1992

Gary Schrader Niles Township D.P.W. Niles, MI 269-684-5647 Member since 1990

Julie Schroeder Chikaming Township Water Dept. Harbert, MI 269-469-1676 Member since 2005

Brian Schulte City of Roseville Macomb, MI 586-909-0396 Member since 2008

Frank Schulte City of Grosse Pointe Woods Grosse Pointe Woods, MI Member since 2017

Darold Schultz Thomas Township Saginaw, MI 989-781-6438 Member since 1992

RETURN TO TABLE OF CONTENTS

Kenneth Rutkowski

0



Wendy Schultz City of Ann Arbor Water Treatment Plant Ann Arbor, MI 734-794-6426 Member since 2013

Lonnie Schulz Village of Elkton Elkton, MI 989-375-2270 Member since 2012

Paul Schumi Glenview, IL Member since 2006

Ken Schwartz Superior Township Utility Department Ypsilanti, MI 734-480-5500 Member since 2016

Peter Schwarz City of Midland Water Plant Midland, Ml 989-837-3515 Member since 2005

Marcus Schweisthal City of Farmington Farmington, MI 630-631-8318 Member since 2015

Scio Township Ann Arbor, MI 734-665-2606 Member since 1986

Scope Services Inc. Saint Joseph, MI 269-983-1554 Member since 2016

Douglas Scott Rowe Professional Services Company Flint, MI 810-341-7500 Member since 2007

Jerry Scott Worth Township DPW Lexington, MI 810-359-8852 Member since 2001

Kipp Scott Blissfield, MI 517-486-3261 Member since 1999

Mark Scott City of Algonac Algonac, MI 810-794-3281 Member since 2011

Randy Scott Spc Services, LLC Rapid River, MI 906-280-3400 Member since 1992

Robert Scull City of Saline Saline, MI 734-944-2003 Member since 2000

Jeffrey Sears Charter Township of Grand Blanc Grand Blanc, MI 810-424-2706 Member since 2015 Sebewaing Light & Water Dept Sebewaing, MI 989-883-2700 Member since 2013

Paul Seegert Michigan Rural Water Assoc. Harrison, MI 989-429-7591 Member since 1979

Joshua Segaret City of Monroe Monroe, MI Member since 2017

Balvinder Sehgal Great Lakes Water Authority Detroit, MI 313-999-2995 Member since 2016

Randy Seida West Side Water Lansing, MI 517-819-8720 Member since 2014

Nate Seif RS Technical Services, Inc. Lowell, MI 616-897-7041 Member since 2015

Robert Seif Lowell, MI 616-897-7041 Member since 1980

Harry Sellers CH2M HILL Traverse City, MI 231-620-4819 Member since 2011

John Selmi Redford, MI 313-387-2642 Member since 2005

Howard Selover F&V Operations Grand Rapids, MI 616-588-2900 Member since 2015

Mary Semegen Great Lakes Water Authority Detroit, MI 313-561-6083 Member since 2004

David Semenak *City of Wakefield* Wakefield, MI Member since 2013

Bob Senkbeil Dearborn, MI Member since 2017

John Seppi Village of Chatham Chatham, MI 906-439-5608 Member since 1987

Edward Serwatowski Village of Armada Armada, MI 586-784-9151 Member since 1981

Robert Shaddock Shelby Township Dept. of Public Works Shelby Township, MI 586-615-2910 Member since 2016 Traci Shaffer City of Wyoming Wyoming, MI 616-261-3582 Member since 2005

0

Ronald Sharp Delta College Science Division University Center, MI 989-686-9071 Member since 1993

Ryan Sharpe *Wolverine Power Systems* Zeeland, MI Member since 2016

Bradley Shaw Kawkawlin Metropolitan District Water Kawkawlin, MI Member since 2011

Ronald Shaw Jackson City Water Department Jackson, MI 517-768-6107 Member since 1993

Gregory Sheldon Zeeland Board of Public Works Zeeland, MI Member since 1996

Rick Sheltrow City of Iron River Iron River, MI Member since 2015

Yun Shen University of Illinois At Urbana-Champaign Ann Arbor, MI 217-898-1087 Member since 2014

Village of Shepherd Shepherd, MI 989-828-5062 Member since 1989

Ravelle Shepherd GE Digital Southfield, MI 313-682-9104 Member since 2015

Brad Shepler Hubbell, Roth, & Clark, Inc. Bloomfield Hills, MI 248-454-6300 Member since 2002

Hang Shi Michigan State University East Lansing, MI 734-355-4180 Member since 2016

Steve Sierota Bloomfield Township Bloomfield Hills, MI 248-594-2811 Member since 2016

Timothy Sikma *City of Wixom* Wixom, MI Member since 2000

Edward Siler Holland Board of Public Works Holland, MI 616-355-1572 Member since 2012

Silversmith Inc. Gaylord, MI 877-732-8988 Member since 2015 Connie Sims Oakland County Water Resources Commissioners Off Waterford, MI 248-858-1441 Member since 2002

2017 Membership Directory

Randy Sinko Lansing Board of Water & Light Lansing, MI 517-897-5997 Member since 2008

Larry Sirls City of Southfield Southfield, MI 248-752-3739 Member since 2012

Kevin Sisk Frenchtown Water Department Newport, MI 734-289-1015 Member since 2015

Jeff Sjoquist Coleman Engineering Co. Iron Mountain, MI 906-774-3440 Member since 2016

Janice Skadsen Ann Arbor, MI Member since 1985

Stephen Skalski City of Kalamazoo - Dept. of Pub. Svcs. Kalamazoo, MI 269-337-8454 Member since 2013

Barry Skutt Saginaw Chippewa Indian Tribe Mt Pleasant, MI 989-775-5222 Member since 2008

John Slattery City of Saginaw Saginaw, MI 989-759-1641 Member since 1998

Michael Slomski Plainfield Township Water Department Grand Rapids, MI 616-364-7174 Member since 1994

Cresson Slotten City of Ann Arbor Ann Arbor, MI 734-794-6430 Member since 2008

Alan Smaka Wightman and Associates, Inc. Benton Harbor, MI 269-927-0100 Member since 2011

Jacob Smalley City of Monroe Monroe, MI 734-241-5947 Member since 2017

Brett Smith Village of Grosse Pte. Shores Saint Clair Shores, MI 313-886-0020 Member since 1990

Gregory Smith Village of Capac Capac, MI 810-395-4355 Member since 1993 Justin Smith St. Johns Water Treatment Plant Saint Johns, MI Member since 2015

00

Kelly Smith Warren, MI 586-215-5794 Member since 2002

Kerala Smith FTCH Grand Rapids, MI Member since 2016

Kimberly Smith Charter Township of Union MT Pleasant, MI 989-330-8664 Member since 2015

Michael Smith South Boardman, MI 231-369-4262 Member since 1990

Rod Smith City of Portland Portland, MI 517-647-2948 Member since 2014

Stephen Smith BASF Corporation Wyandotte, MI 734-324-2729 Member since 2015

Thomas Smith Prein & Newhof Grand Rapids, MI 616-364-8491 Member since 1994

Tod Smith Lansing Board of Water & Light Lansing, MI Member since 2017

Herman Snay City of Saline Saline, MI 734-944-2003 Member since 2011

John Snethkamp Wyandotte, MI Member since 1983

Dorman Snyder Village of Athens Athens, MI 517-741-8208 Member since 2007

William Snyder City of Harper Woods Harper Woods, MI 313-343-2570 Member since 1999

Joseph Sobus City of Monroe Water Plant Monroe, MI 734-241-5947 Member since 2012

James Solberg Solberg, Knowles & Associates Newaygo, MI 231-652-1934 Member since 1996

Rick Solle Plainfield Charter Township Belmont, MI 616-363-9660 Member since 2008

Tod Smith

WATER WORKS NEWS | Spring 2017 37

2017 Membership Directory

Lenny Solomon Clow Valve Co. Troy, MI 248-302-1110 Member since 2012

Daniel Sorek Prein & Newhof Norton Shores, MI Member since 2005

South Haven Board of Public Utilities South Haven, MI 269-637-0715 Member since 1977

Southeastern Oakland County Wtr Authority Royal Oak, MI 248-288-5150 Member since 2013

Southwest Barry Cnty. Sewer & Water Authority Delton, MI 269-623-3405 Member since 2006

Joseph Sova Midland Water Department Midland, MI Member since 2016

Laura Spencer Village of Beulah Beulah, MI 231-882-4451 Member since 2013

Spicer Group Inc. Saginaw, MI 989-754-4717 Member since 1963

Christine Spitzley Mason, MI 517-525-1808 Member since 1994

Thomas Spitzner *City of Kalamazoo* Kalamazoo, MI 269-337-8758 Member since 1989

Village of Spring Lake Spring Lake, MI 616-842-1393 Member since 2014

Heather Spurlino Liquiforce Services, Inc. (USA) Romulus, MI 937-608-3113 Member since 2016

Donald Spurr Troy, MI 586-436-1765 Member since 1973

Ann St. Amand PhycoTech, Inc. Saint Joseph, MI 269-983-3654 Member since 2000

City of St. Clair Saint Clair, MI 810-329-5276 Member since 1974

City of St. Ignace Saint Ignace, MI 906-643-9670 Member since 1978

St. Johns Water Treatment Plant Saint Johns, MI 989-244-8944 Member since 2002 **City of St. Louis** Saint Louis, MI 989-681-3567 Member since 1957

Paul Stanley Water Solutions Unlimited, Inc. Franklin, IN 317-784-8086 Member since 1988

William Stannard Raftelis Financial Consultants, Inc. Kansas City, MO 816-285-9020 Member since 1984

Tom Stanojevic American Cast Iron Pipe Co. Crown Point, IN 810-523-9613 Member since 1999

K. Stark NSF International Ann Arbor, MI 734-769-5480 Member since 1990

Patrick Staskiewicz Ottawa County Road Commission Grand Haven, MI 616-850-7208 Member since 1993

Daniel Staunton *City of Hartford* Hartford, MI 269-621-2477 Member since 2008

Kenneth Stead Village of Bellaire Bellaire, MI 231-533-6414 Member since 2002

David Stearns Cadillac Utilities Department Cadillac, MI 231-775-0181 Member since 2017

Christopher Steary Great Lakes Water Authority Detroit, MI Member since 2016

Terry Steenhagen City of Kentwood Grand Rapids, MI 616-554-0767 Member since 2000

Brian Steglitz City of Ann Arbor Ann Arbor, MI 734-794-6426 Member since 1997

Ronald Steinbrink Macomb Township Water & Sewer Macomb, MI 586-598-0687 Member since 2003

Sharon Steiner NSF International Ann Arbor, MI 734-827-6846 Member since 2016

Jamie Steis Ferndale, MI 313-770-1540 Member since 2016

BJ Stepien *City of Niles Utilities Dept.* Niles, MI Member since 2016 Harold Steward City of Monroe Monroe, MI 734-241-5947 Member since 2002

Dale Stewart Northern Pump & Well Lansing, MI 877-477-1757 Member since 2010

Daniel Stewart City of Mt. Pleasant Mount Pleasant, MI Member since 2016

Daniel Stickel Charter Township of Waterford Dept of Public Wrks Waterford, MI 248-618-7451 Member since 2012

Geoff Stieler Forterra Pressure Pipe Tecumseh, MI 734-834-0336 Member since 1999

David Stinson Northern Pump & Well Lansing, MI 517-322-0219 Member since 2004

Andrew Stocking Ann Arbor, MI Member since 1998

Kelli Stockwell City of Onaway Water Dept. Onaway, MI 989-733-8313 Member since 2016

Andrew Stone Village of Wolverine Lake Wolverine Lake, MI 248-624-1710 Member since 2002

Jim Storey Holland Board of Public Works Holland, MI 616-355-1509 Member since 2016

Joy Stothard City of Bay City Bay City, MI 989-894-8340 Member since 2014

Mark Strahan Village of Blissfield Blissfield, MI 517-486-2550 Member since 1989

Burt Straley City Of Muskegon Muskegon, MI 231-724-.410 Member since 2016

Thomas Stressman City of Cedar Springs Cedar Springs, MI 616-696-1330 Member since 2013

Russell Strohpaul City of Grayling Grayling, MI Member since 2017

Robert Strykowski Lake Linden, MI 906-231-4948 Member since 2012 Robert Stucker City of Fenton Water Plant Blissfield, MI 810-714-0528 Member since 1988

Jeff Stults City of E. Grand Rapids Utility East Grand Rapids, MI Member since 2016

Charles Suchodolski Buena Vista Charter Township Saginaw, MI Member since 2011

Ervin Suida City of Howell Howell, MI 517-223-4745 Member since 1999

Laura Sullivan *Kettering University* Flint, MI Member since 2016

Don Sumption Carrollton Township Saginaw, MI 989-754-4611 Member since 2004

Charles Sundblad City of Caro Caro, MI 989-673-2571 Member since 2002

Larry Sundling Rapid River, MI 906-280-7354 Member since 2006

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Superior Township Utility Department Ypsilanti, MI 734-480-5500 Member since 1978

James Surhigh Hubbell, Roth & Clark, Inc. Bloomfield Hills, MI 248-454-6342 Member since 2011

James Susan Fishbeck Thompson Carr Huber Grand Rapids, MI 616-464-3734 Member since 1977

Bryan Sutton City of Flushing Flushing, MI 810-659-5665 Member since 1997

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Shimo Svabic City of Wyoming Wyoming, MI 616-530-7260 Member since 2010

Keith Swaffar Riverview, MI 313-237-3939 Member since 1998 Seth Swanson OHM Advisors Livonia, MI 734-466-4502 Member since 2015

Doug Sweeris City of Allegan Wastewater Plant Allegan, MI 269-686-1117 Member since 2015

Scott Swenor Marquette, MI 906-250-8255 Member since 2016

City of Sylvan Lake Sylvan Lake, MI 248-682-1440 Member since 1989

Matthew Sype City of Flat Rock Flat Rock, MI 734-782-2470 Member since 2001

David Szlag Oakland University Rochester, MI 248-370-4064 Member since 2015

Т

Jason Talaski Huron Medical Center Bad Axe, MI 989-803-7124 Member since 2016

Tank Industry Consultants Indianapolis, IN 317-271-3100 Member since 1985

Diane Tapio Republic Township Republic, MI 906-376-8827 Member since 2005

Vlad Tarabara Michigan State University East Lansing, MI Member since 2016

Jim Tardani City of Wyoming Holland, MI 616-399-7849 Member since 1999

Greg Tatara Genoa Township MHOG Wtr. Auth. Brighton, MI 810-227-5225 Member since 2006

Kelly Tatlock City of Wyoming Holland, MI 616-399-6511 Member since 2011

James Taylor Michigan Meter Tech Group White Lake, MI 248-887-7608 Member since 2006

Michael Taylor Grand Blanc TWP Grand Blanc, MI 810-424-2640 Member since 2007



Robert Taylor Birchwood Farms Golf & Country Club Harbor Springs, MI 231-526-7460 Member since 1999

John Teague *Village of Webberville* Webberville, MI Member since 2016

Mark TenBroek CDM Michigan Inc. Detroit, MI 313-230-5615 Member since 1987

Jon Terres Alma, MI Member since 1998

Bob Tervonen City of Ironwood Water Utility Ironwood, MI 906-932-5050 Member since 2009

Thomas Teske EJ East Jordan, MI 231-536-4428 Member since 1979

Christopher Tesone USALCO Poland, OH 330-418-4422 Member since 2010

Kirk Tews City of Midland Midland, MI Member since 2007

Terry Thenikl Plainfield Township Water Dept. Grand Rapids, MI 616-363-9660 Member since 2006

Les Therrian City of St. Ignace Saint Ignace, MI 906-643-9671 Member since 1995

Michelle Thibideau Village of Centreville Centreville, MI 269-467-6409 Member since 2014

Devibaghya Thirunarayanan Ann Arbor, MI 734-747-0137 Member since 2016

Brad Thomas Birch Run Township Birch Run, MI 989-233-9317 Member since 2007

Ernie Thomas City of Belding Belding, MI 269-794-1900 Member since 1993

Jerrold Thomas Benton Harbor, MI 269-363-4725 Member since 2014

Pat Thomas City of Grosse Pointe Park Grosse Pointe Park, MI 313-822-5100 Member since 2004 Scott Thomas City of Iron Mountain Iron Mountain, MI 906-774-0722 Member since 2010

Jim Thompson Flint, MI Member since 2012

Joellen Thompson City of Grand Rapids - Water System Grand Rapids, MI 616-456-4238 Member since 1987

John Thompson Liquiforce Services, Inc. (USA) Romulus, MI 734-955-2508 Member since 2007

Thomas Thompson Village of Manchester Manchester, MI 734-428-7171 Member since 2015

Mark Thornton City of St. Joseph Saint Joseph, MI 269-983-1240 Member since 2012

Michael Thorsen Infrastructure Alternatives Menominee, MI 906-863-3050 Member since 2016

City of Three Rivers Three Rivers, MI 269-273-1845 Member since 1976

Brian Thurston MDEQ ODWMA Cadillac District Cadillac, MI 231-590-3430 Member since 1995

Zachery Thurston Lansing, MI 517-242-2706 Member since 2014

David Timm Rockford, MI 616-295-5702 Member since 1978

Tittabawassee Township DPW Freeland, MI 989-695-6517 Member since 2004

Piper Tittle Edwardsburg, MI 269-663-8583 Member since 2000

Michelle Torres Infrastructure Alternatiives Menominee, MI 906-290-3815 Member since 2016

Christopher Townley Townley Engineering, LLC Freeland, MI 810-404-2266 Member since 1995

Dawn Townley Hillsdale BPU Hillsdale, MI 517-437-6413 Member since 2016 Thomas Traciak Unbaugh Okemos, MI 517-321-0110 Member since 2016

0

Mike Tracy Michigan State University Utilities East Lansing, MI Member since 2014

Mary Trapp-Gunst Plainfield Charter Township Grand Rapids, MI 616-363-9660 Member since 2008

Trenton Corporation Ann Arbor, MI 734-424-3600 Member since 1993

Thomas Trice Bloomfield Township Bloomfield Hills, Ml 248-433-7732 Member since 2005

Rohit Trivedi Arcadis Novi, MI 313-999-5862 Member since 1986

Paul Trosper City of Troy, Mich. Troy, MI 248-524-3395 Member since 2015

Todd Truax Allegan County Facilities Management Allegan, MI 269-686-4612 Member since 2016

Kyle Tryan Coloma, MI 906-241-0184 Member since 2009

Gary Tuhacek City of Fennville Fennville, Ml 269-561-2444 Member since 1983

William Turner Brownstown Township Brownstwn Twp, MI Member since 2007

Robert Tutsock Saginaw Valley State University University Center, MI 989-964-4080 Member since 1993

Kevin Tyler City of Linden Linden, MI 810-735-7980 Member since 2012

U

Murat Ulasir Orchard, Hiltz & McCliment, Inc. Livonia, MI 734-466-4472 Member since 2005

Village of Union City Union City, MI 517-741-8591 Member since 2015 Rick Updike City of Plainwell, #111 Plainwell, MI 269-544-1505 Member since 2006

Aaron Uranga Hubbell, Roth and Clark, Inc. Canton, MI 734-761-1010 Member since 2011

USABlueBook Gurnee, IL 800-548-1234 Member since 1994

V

Amy Vail MDEQ Cadillac, MI 231-876-4481 Member since 2006

Buck Vallad Newberry Water & Light Newberry, MI 231-734-2101 Member since 2012

John Van Arsdel M.E. Simpson Company, Inc. Valparaiso, IN 800-255-1521 Member since 1990

James Van De Wege Holland Board of Public Works Holland, MI 616-355-1698 Member since 1988

Charles Van Der Kolk Zeeland Board of Public Works Zeeland, MI 616-772-6212 Member since 1985

Tom Van Der Kolk Holland Township Holland, MI 616-396-1891 Member since 1984

Brian Van Dyken Plainfield Township Water Department Grand Rapids, MI 616-706-6280 Member since 2015

James Van Harn Grandtech Inc. Byron Center, MI 616-878-1000 Member since 1994

Frederick Van Luven Tilden Township Ishpeming, MI 906-486-6580 Member since 1986

Mark Van Port Fleet Dimondale, MI 517-719-1721 Member since 2004

Lloyd Van Slooten Zeeland Board of Public Works Zeeland, MI 616-772-6212 Member since 1995

John Van Uffelen Holland Board of Public Works Holland, MI 616-355-1642 Member since 1978

Michael Van Wagner Village of Howard City

2017 Membership Directory

00

Howard City, MI Member since 2014

Christopher Van Wormer Fer-Pal Construction USA, LLC Taylor, MI 734-624-5321 Member since 2012 0

Theodore VanAken Grand Rapids, MI 616-355-1539 Member since 2012

Shane Vancise Johnson Controls Grand Rapids, MI Member since 2016

Jesse VanDeCreek Hubbell, Roth & Clark, Inc. Bloomfield, MI 313-463-4253 Member since 2005

Sam Vanden Berg City of Grand Rapids West Olive, MI 616-456-3931 Member since 2011

Tim Vander Schaaf Spring Lake, MI 616-842-0080 Member since 2003

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Benjamin Vanderhulst Holland Board of Public Works Holland, MI Member since 2015

Brian Vanderlaan Plainfield Township Water Department Grand Rapids, MI 616-363-9660 Member since 2015

Lucas VanderZee City of Harbor Springs Harbor Springs, MI Member since 2014

Daryl Vandyke Kalamazoo Lake Sewer & Water Authority Grand Rapids, MI 269-857-2709 Member since 1997

Geneva Vanlerberg Lansing Board of Water and Light Williamston, MI 616-206-6299 Member since 2009

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Kevin VanSickle Home Birch Run, MI 810-701-1451 Member since 2005

Brian Vanveelen City of Lowell Lowell, MI 616-897-5234 Member since 2012

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Bryan Varacalle Livingston Co. Drain. Comm. Howell, MI 517-546-0040 Member since 2014

Matthew Vedrin University of Michigan Ann Arbor, MI Member since 2016

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Freda Velzen Holland Board of Public Works Holland, MI Member since 1998

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Mark VerBerkmoes Grand Haven Charter Township Grand Haven, MI 616-842-5988 Member since 1991

G. Verbos *Gogebic Range Water Auth.* Ramsay, MI 906-667-0465 Member since 2004

Thomas Veresh Wade Trim & Associates Taylor, MI 734-947-9700 Member since 2007

Edward Verhamme Limnotech Ann Arbor, MI 734-332-1200 Member since 2015

Sanjeev Verma Fluid Equipment Development Company (FEDCO) Monroe, MI 734-241-3935 Member since 2014

Stephen Verstrat Access Business Group LLC Ada, MI 616-787-6133 Member since 2001

Village of Vicksburg Vicksburg, MI 269-649-1919 Member since 2004

Rajaram Vijayendran Metco Services, Inc. Warren, MI 586-920-2620 Member since 1997

Aaron Vis City of Wyoming Wyoming, MI 616-530-7260 Member since 2016

Judy Visscher Holland Board of Public Works Holland, MI 616-355-1210 Member since 2007

Uldis Vitins Canton, MI 734-453-3460 Member since 1990 Paul Vogel Greeley and Hansen LLC Chicago, IL 312-558-9000 Member since 1987

Allison Voglesong University of Michigan Ann Arbor, MI 248-630-5036 Member since 2016

Richard Vreeland City of Gobles Gobles, MI 269-628-5370 Member since 1998

Nathan Vriesman Vriesman & Korhorn Civil Engineers Byron Center, MI 616-277-2185 Member since 2003

W

Brian Wadaga Village of Baraga Baraga, MI 906-353-6795 Member since 2008

Matt Wade City of Grand Haven Dept. of Public Works Grand Haven, MI Member since 2015

Trevor Wagenmaker Hubbell, Roth & Clark Bloomfield Hills, MI Member since 1995

Joe Wahlfield City Of Wyoming Wyoming, MI 616-530-7260 Member since 2012

Randal Waites Charter Township of Genesee Genesee, MI 810-640-2000 Member since 1996

City of Wakefield Wakefield, MI 906-224-7041 Member since 2012

Jeremy Walker *U.S. Army* Warren, MI Member since 2015

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Lisa Wallick Metco Saint Clair Shores, MI 313-961-4560 Member since 2004

Phyllis Walsh Great Lakes Water Authority Detroit, MI 313-964-9201 Member since 2016

Jason Walters *Village of Farwell* Farwell, MI Member since 2015

Donovan Walton Great Lakes Water Authority Detroit, MI Member since 2016 **Gerald Wangelin** *Macomb Township* Macomb, MI Member since 2009

Ross Warber Lansing, MI Member since 2017

Jerry Ward Waterford Township Dept. of Public Works Waterford, MI Member since 2012

John Warner Muskegon Cnty Dept. of Pub. Wks. Muskegon, Ml 231-724-6411 Member since 2003

Timothy Warner Isabella County Drain Office Mount Pleasant, MI 989-772-0911 Member since 1989

Brian Warren Plainwell, MI 906-399-2909 Member since 2008

Charles Warren Holland Board of Public Works Holland, MI 616-355-1502 Member since 2016

Jeff Warren Village of Peck Peck, MI 810-378-5090 Member since 2000

Brian Washburn Marysville, MI 810-364-9808 Member since 1995

Washington Township Water & Sewer Washington, MI 586-786-0010 Member since 2003

Ondrea Washington Detroit Water & Sewerage Department Detroit, MI 313-204-8174 Member since 1989

David Wassilak Access Business Group LLC Ada, MI 616-787-8251 Member since 2016

Water District #1 of Midland County Sanford, MI 989-687-2709 Member since 1979

Waterford Township Dept. of Public Works Waterford, MI 248-618-7451 Member since 2012

Scott Waters Carrollton Township Saginaw, MI 989-751-7387 Member since 2016

Gregg Watson *City of Niles Utilities Dept.* Niles, MI Member since 2016 Madeleine Wax University of Michigan Ann Arbor, MI Member since 2016

Eric Way Grand Ledge, MI Member since 1979

City of Wayland Wayland, MI 269-792-0686 Member since 1980

Jeff Webb City of Riverview Riverview, MI 734-281-4270 Member since 2016

Village of Webberville Webberville, MI 517-375-8671 Member since 2011

Allen Weber Etna Supply Company Grand Rapids, MI 616-514-5164 Member since 1986

James Webster City of Howell - Water Plant Howell, MI 517-546-5309 Member since 1991

Teresa Weed Newman Project Innovations, Inc. Farmington Hills, MI 248-310-3435 Member since 2007

Maureen Wegener C2AE Lansing, MI 517-371-1200 Member since 1982

Eric Weigandt Briley Township Atlanta, MI 989-785-4050 Member since 2004

Dave Weiler Hampton Township Essexville, MI 989-893-7541 Member since 2014

James Weinberg Village of Colon Colon, MI 269-432-2532 Member since 2008

Richard Weirich Frenchtown Water Newport, MI 734-289-1015 Member since 1999

William Weirich City of Wyandotte Wyandotte, MI 734-324-7142 Member since 2004

Matthew Weldon Plainfield Township Water Dept. Grand Rapids, MI 616-363-9660 Member since 1991

Ken Wenglikowski Bangor Monitor Metro District Bay City, MI 989-684-2570 Member since 2013 Ken Wesley UIS Scada Dexter, MI 734-482-1450 Member since 2014

West Side Water Lansing, MI 517-485-5476 Member since 1980

Ernest West Delta Charter Township Lansing, MI Member since 2008

Jack West City of Farmington Water Department Farmington, MI 248-473-7250 Member since 2015

Robert West Hartland Township Hartland, Ml 810-632-1075 Member since 2015

Westerman Companies Bremen, OH 740-569-4143 Member since 1986

Scott Westover Ypsilanti Community Utilities Authority Ypsilanti, MI 734-484-4600 Member since 2001

Judy Westrick Tamarack Environmental Laboratories, LLC Washington, MI 586-522-8330 Member since 1996

Daniel Whalen Williams & Works, Inc. Grand Rapids, MI 616-224-1500 Member since 1991

White Lake Township Water Department White Lake, MI 248-698-3300 Member since 1978

Tony White Mueller Co Downers Grove, IL 630-725-1895 Member since 1997

Troy White *City of Jackson* Jackson, MI Member since 2016

W. Curtis White White IEQ Consultants Midland, MI 989-708-4610 Member since 1988

City of Whitehall Whitehall, MI 231-894-4048 Member since 2014

Benjamin Whitehead Black & Veatch Grand Rapids, MI 616-459-2360 Member since 2005

Jalonne White-Newsome The Kresge Foundation Troy, MI Member since 2016



Keith Whittington City Of Marquette Marquette, MI 906-250-6129 Member since 2007

Todd Wibright *City of Grandville* Grandville, MI 616-457-0720 Member since 2006

Gary Wiedmayer Village of Manchester Manchester, MI 734-428-8360 Member since 1998

Karl Wiegand Globe Fire Sprinkler Corporation Standish, MI 989-846-4583 Member since 2010

Kevin Wierenga Ottawa County Road Commission Grand Haven, MI 616-850-7234 Member since 2003

Ron Wight City Of Newaygo Newaygo, Ml 231-652-7984 Member since 2003

Robert Wilcox Fleis & Vandenbrink Engineering, Inc. Grand Rapids, MI 616-977-1000 Member since 2003

John Willemin Grand Rapids, MI 616-575-3824 Member since 2001

Doug Williams Linwood Metro Water Linwood, MI 989-697-5532 Member since 2012

Gary Williams Jones & Henry Engineers Cincinnati, OH 513-515-6010 Member since 1988

James Williams Peerless-Midwest, Inc Mishawaka, IN 574-252-4140 Member since 1985

Michael Williams Peerless-Midwest, Inc. Mishawaka, IN 574-254-9050 Member since 1987

Russell Williams Waterford Township Dept. of Public Works Waterford, MI 248-618-7462 Member since 2015

Russell Williams Negaunee Township Water System Negaunee, MI 906-475-7869 Member since 2013

Constance Williams-Levye *Great Lakes Water Authority* Detroit, MI Member since 2016 Allen Wilson Great Lakes Water Authority Detroit, MI 313-935-7108 Member since 2004

Allen Wilson Sand Piper Estates Lexington, MI 810-359-7001 Member since 2000

Chris Wilson Olameter, Inc. Ann Arbor, MI 800-903-7003 Member since 2016

James Wilson City of Trenton DPS Trenton, MI 734-676-1853 Member since 1998

Joseph Wilson *Michigan State University* East Lansing, MI Member since 1999

Joseph Wilson Allegan Allegan, MI 269-686-1116 Member since 2015

Tom Wilson City of Wyoming Grandville, MI 616-261-3573 Member since 1993

Michael Winegard AECOM Wheaton, IL 312-373-6631 Member since 1981

Marlin Wingard Eagle Harbor Township Eagle Harbor, MI 906-289-4407 Member since 2012

Lyle Winn Anderson, Eckstein, and Westrick, Inc. Shelby Township, MI 586-726-1234 Member since 2014

Eric Witte Melvindale, MI 313-218-7910 Member since 1986

City of Wixom Wixom, MI 248-624-0141 Member since 2005

Brian Wohlscheid Municipal Supply Company Portland, MI 517-647-6597 Member since 1987

Andrew Wolanin Suez-Na Wixom, MI Member since 2016

Brian Wolf City of Wyoming Wyoming, MI 616-530-7260 Member since 1992

William Wolfson Great Lake Water Authority Detroit, MI Member since 2014 Bryon Wood HDR Ann Arbor, MI 734-332-6438 Member since 2005

0

Bryan Woodbeck East Lansing Meridian Water Auth. East Lansing, MI 517-337-7535 Member since 2001

Kameron Woodcock City of Monroe Monroe, MI Member since 2016

Nichole Woodward City of Ann Arbor Ann Arbor, MI 734-794-6000 Member since 2006

Terry Woodward Fishbeck, Thompson, Carr & Huber, Inc. Novi, MI 248-324-2111 Member since 1997

Gary Wozniak Kalamazoo, MI 269-491-3107 Member since 1999

Conuetta Wright Canton, MI 586-868-3077 Member since 2016

Kevin Wright EJ East Jordan, MI 231-536-4522 Member since 1997

Thomas Wright City of Fenton Fenton, MI 810-629-2261 Member since 1999

Bari Wrubel City of Marysville Wtr Filtration Plant Marysville, MI 810-364-8460 Member since 2010

Michael Wurts City of Lapeer Lapeer, MI 810-664-6887 Member since 2011

Matt Wurtz City of Grand Blanc Grand Blanc, Ml 810-694-5420 Member since 1999

Wyandotte Municipal Services Wyandotte, MI 734-324-7111 Member since 1972

Johnie Wyatt New Carlisle, IN 574-654-3453 Member since 1978

City of Wyoming Utilities Department Holland, MI 616-261-3530 Member since 1980

XYZ

James Yancey Walkerville, MI Member since 2016 Ronald Yarnell Sanford, MI 989-689-4319 Member since 2000

Alex Yavich Grand Rapids, MI 616-975-0847 Member since 1997

David Yoder Village of Unionville Unionville, MI 989-674-2244 Member since 2007

James Yonts Ann Arbor, Ml 810-357-6429 Member since 2014

Timothy Young City of Hazel Park Hazel Park, MI 248-542-0340 Member since 2006

Herbert Yount City of Monroe Water Filtration Monroe, MI 734-241-5947 Member since 1999

Ypsilanti Community Utilities Authority Ypsilanti, MI 734-484-4600 Member since 1975

Michael Yuresko Grand Blanc Township Grand Blanc, MI 810-564-3240 Member since 2006

T Zamarron MT Pleasant, MI 989-388-.628 Member since 2017

Gary Zatalokin City of White Cloud White Cloud, MI 231-689-1194 Member since 1999

Jay Zawacki Ann Arbor, Ml 734-255-0670 Member since 2014

Tim Zebell City of St. Joseph Saint Joseph, MI 269-983-5541 Member since 2006

Zeeland Board of Public Works Zeeland, Ml 616-772-6212 Member since 1993

Jennifer Zelski Hamlett Environmental Technologies Co. Howell, MI 517-294-7512 Member since 2007

Thomas Zemba Menominee, MI 906-863-6744 Member since 2011

Brett Zeuner Eastern Michigan University Ypsilanti, Ml 734-560-2436 Member since 2016 **Zixu Zhao** Ann Arbor, MI Member since 2017 0

Richard Ziehmer Richmond, MI 734-680-5560 Member since 1999

Christine Ziemba United Water Wixom, MI 248-960-0870 Member since 2010

Madison Ziems Great Lakes Water Authority Detroit, MI Member since 2016

2017 Membership Directory

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Annual Conference P	rogram Christine Spitzley

2004

1977

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Ervin H. A. Stahl, Lansing
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Arthur C. Michael, Detroit
Robert Haw, Flint
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Boyne Highlands
Sault Ste. Marie
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Grand Rapids
Shanty Creek Resorts
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Mt. Pleasant
Traverse City/Acme
Kalamazoo
Sault Ste. Marie
Treetops Resort
Boyne Highlands
Grand Rapids
Shanty Creek
Mackinac Island
Treetops Resort
Marquette
Boyne Highlands
Grand Rapids
Shanty Creek
Kalamazoo
Grand Traverse
Mackinac Island
Dearborn
Lansing
Shanty Creek
Flint
Grand Rapids
Grand Traverse
Grand Rapids
Boyne Mountain
Kalamazoo
Mackinac Island
Grand Traverse
Grand Rapids
Detroit
Mackinac Island
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Traverse City
Lansing
Boyne Falls
Grand Rapids Flint
Boyne Falls
Detroit
Traverse City
Ann Arbor
Grand Rapids
Traverse City

Association Service Nomination Janice Skadsen Jerry Caron		
Faust Award	Mark Coleman Pat Staskiewicz	
Fuller Award	Gary Logsdon	
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Manufacturer's Advisory		
	Ira Gabin	
Contests	Mike Schlegelmann	
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.

Brian Steglitz

2006-2008

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1995-1998

Stuart H. Bogue, Det	roit	1965	Saginaw
Joseph M. Rogeven, Jackson		1964	Detroit
Albert Sabo, Kalamazoo			Frand Rapids
Gerald Remus, Detro		1962	Lansing
Tony Eikey, Traverse		1961	Detroit
Herbert L. Keinath, F	rankenmuth	1960	Fraverse City
Leo V. Garrity, Detroi	t	1959	Saginaw
Robert E. Hansen, M		1958 0	Frand Rapids
Walter E. Smith, Detr	oit	1957	Detroit
Claud R. Erickson, La		1956	Kalamazoo
Herschel O. Self, Flin		1955	Flint
Douglas Feben, Detro	pit	1954	Muskegon
E. D. Berrett, Detroit		1953	Escanaba
Louis E. Ayres, Ann A			Battle Creek
George Hazey, Wyan			enton Harbor
Jack E. Cooper, Detr		1950	Detroit
John F. Dye, Lansing			Fraverse City
Paul Stegeman, Midl		1948	Flint
Everett D. Cattell, Jac		1947	Bay City
R. Lee Sensabaugh,			Fraverse City
Earl L. Holloway, Flin			Frand Rapids
Earl L. Holloway, Flin		1944	Jackson
Louis B. Harrison, Ba		1943	Ann Arbor
Harrison H. Caswell,			Conference
Leo E. McQueen, Col			Frand Rapids
Rene J. LaMarre, De	troit	1940	Ann Arbor
TRUSTEES			
Jaime Fleming	2016-	Lori Cipparone	2005-2008
Joe VanderStel	2016-	Michael Averill	2005-2008
Greg Alimenti	2010-	Troy Gallagher	2003-2008
Amy Vail	2010-	David Morse	2004-2007
Clvde Dugan	2015-	Sharon Hudson	2004-2006
Bill Maier	2013	Mike Williams	2003-2006
Liane Shekter Smith	2014-2016	Khalil Atasi	2003-2005
Bruce Bartley	2013-2016	Christine Spitzley	2002-2005
Bill Fritz	2013-2016	David Koch	2002-2003
Jaime Fleming	2012-2016	R. Douglas Trembeth	2003-2004
Carrie Ricker Cox	2012-2010	Robert Veneklasen	2001-2004
John Willemin	2012-2014	Roger Olson	2000-2003
Joel Annable	2011-2014	Tom Spitzner	2000-2003
Joe Moore	2011-2014	Timothy McNamara	2000-2003
Barbara Marczak	2010-2013	James Van De Wege	1999-2002
Paul Reinsch	2010-2013	Timothy LeTourneau	1999-2001
Tom Del aura	2009-2012	Vincent Ferrarese	1998-2001
Randall Roost	2008-2012	Thomas Idema	1998-2001
Tom Smith	2007-2011	H. Garv Peters	1997-2000
Brian Thurston	2008-2010	Donald R. Spencer	1997-2000
Paul Retel	2008-2010	Richard Husby	1996-1999
Pat Staskiewicz	2008-2010	Ken Mendenhall	1996-1999
Mark Coleman	2006-2009	Bruce Jerome	1995-1998
	2000 2000	51000 0010110	1000 1000

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Tina Pawlak	
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Vater Protection Vacant	
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Vacant	
Bill Maier Steve Liebrecht	

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Sue McCormick	1998-2001	Edward D. Barrett	1956-1959
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Wm. Elgar Brown	1989-1992
Sheryl Thelen Topliff	1987-1989
Richard S. Sacks	1983-1987

Eric J. Way	1982-1983
James K. Cleland	1976-1982
Gordon E. Olivier	1967-1976
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James J. Van De Wege	Holland
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Jerry Caron	Wyoming
Bradley B. Brogren	Lansing
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William J. Dixon	Lake Odessa
Janice Skadsen	Ann Arbor
Eugene A. Glysson	Ann Arbor
Charles Van Der Kolk	Zeeland
Eric J. Way	Lansing
Sue McCormick	Lansing
Thomas Newhof	Grand Rapid
Wm. Elgar Brown	Lansing
Warren L. Isaacson	Escanaba
John A. DeKam	Bay City
Curtis Cowles	Lowell
John C. O'Malia	Lansing
Donald E. Swan	Saline
Wilfred L. LePage	Monroe
James K. Cleland	Lansing
Kenneth Squiers	Pontiac
Clifton Albers	Grand Haven
William A. Kelley	Lansing
William C. Ewing	Flint
Ronald H. Bowen	Traverse City
Cletus L. Courchaine	Escanaba
Virgil Langworthy	Lansing
Wayne H. Abbott Jr.	Ann Arbor
Gordon E. Olivier	Lansing
Robert E. Hansen	Mt. Clemens
A. L. Wilcox	Walled Lake

RAYMOND J. FAUST AWARD

RAYMOND J.	FAUSTAWARD
Malcolm Fox	Mt. Pleasant
Brian Thurston	MDEQ
Jon Bloemker	MDEQ
Larry Sanford	Ann Arbor
Patrick Staskiewicz	Ottawa County
Mark Coleman	Detroit
Brock Howard	Lansing
Brian Steglitz	Ann Arbor
Mike Averill	Wyoming
Pat Cook	Lansing
Gary Logsdon	Lake Ann
Ray Berkin	Allegan
Christine Spitzley	Lansing
Bill Maier	Lansing
David Koch	Holland/Grand Rapids
Richard Benzie	Lansing
Don DeGrand	Gwinn
David Morse	Niles
Jim Lahti	
Tim McNamara	Lansing Grand Danida
Randall Boost	Grand Rapids
	Lansing Holland
James Van De Wege Ira Gabin	Dewitt
Bob Veneklasen	
Dave Timm	Muskegon Grand Danida
	Grand Rapids
Jerry Caron	Wyoming
Michael Roon	Wyoming Grand Danida
Joe Hipskind	Grand Rapids
Vince Ferrarese Bruce Hawkinson	Plainfield Twp
Tom Idema	Norway
	Wyoming
H. Gary Peters	Saginaw-Midland
Janice Skadsen	Ann Arbor
Patsy Clark	Grand Rapids
Ken Mendenhall	Shelby
William Kelley Charles Van Der Kolk	Lansing
	Zeeland
William Dixon	Lake Odessa
John O'Malia	Lansing
Clyde Dugan	Lansing
Bradley Brogren Richard Husby	Lansing
	Lansing Twp
Warren Isaacson	Escanaba
Susan McCormick Richard Sacks	Lansing
	Lansing
James Biener	Grand Rapids
Lynda Dominguez	Lansing
Curtis Cowles	Lowell
Kenneth Nefe	Midland
Orlin Loen	Kalamazoo
Gregory Sowa	Saginaw

nn Arbor	2017
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etroit/Maitland, FL	2012
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rand Rapids	2009
yoming	2008
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RAYMOND J. FAUST AWARD continued Grand Rapids Lansing Duane Bowditch Wm. Elgar Brown Ivan Fasel Paul Mattausch Traverse City Benton Harbor Willus Lambers Holland Grand Rapids Escanaba Thomas Newhof John Erickson Gerald Goshorn Alma Greenville Thomas Ledger Eric J. Way Lansing Donald Saladin Lansing James Van De Wege T. Harry Daubenspeck Wyoming

Holland

Detroit Oak Park

Bay City

Grand Haven Monroe

Gladstone

Muskegon

Norway

Henry T. Lane Robert Bretz

John DeKam

Clifton Albers

Wilfred LePage

Willard Morley Louis VanDinther

Leno Alexander

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Thomas McPherson	Cadillac	1980
HONORARY	/IEMBERS	
Gerald Caron	Wyoming	2015
Janice Skaden	Ann Arbor	2008
Charles Van Der Kolk	Zeeland	2007
Ervin Stahl	Haslett	2005
Eric J. Way	Lansing	2005
Sue McCormick	Ann Arbor	2003
Bill Kelley	Lansing	2002
John A. DeKam	Bay City	2001
James K. Cleland	Lansing	2001
Wm. Elgar Brown	Lansing	2000
Wayne H. Abbott Jr.	Ann Arbor	1988
Nina McClelland	Ann Arbor	1985
Donald K. Shine	Wyoming	1983

DIAMOND PIN AWARD

Chuck Van Der Kolk	Zeeland	2009
Eric J. Way	Lansing	1993
Gregory Sowa	Saginaw	1991
Kenneth McGeorge	Macomb Twp	1987

OPERATORS' MERITORIOUS SERVICE AWARD

Tom Engelsma	Wyoming	2016
Ronald Hayes	Detroit	2015
Scott Hamelink	Lansing	2014
Alex Chimpouras	MHOG	2013
Barry Korhorn	Byron-Gaines	2012
Mike Grenier	Holland	2011
Greg Gorman	Wyoming	2009
Robert Peter	MHOG	2008
Mike Mulder	East Lansing	2007
Mark Rose	Escanaba	2006
Victor Chichester	Midland	2005
John Wierenga	Grand Rapids	2004
Terry Velik	Grand Haven	2003
Mike Averill	Wyoming	2002
Paul Seegert	Quincy	2001
Roger Olson	Marquette	2000
Jim Van De Wege	Holland	1999
Garry Fisher	Traverse City	1998
Gregory Scott Allen	Monroe	1997
Michael O'Malley	St. Joseph	1996
Robert Hoffer	Grand Haven	1995
Larry Carrier	Mt. Clemens	1995
Jerry Plume	Alpena	1994
Kenneth Anderson	New Buffalo	1993
Robert Veneklasen	Muskegon	1992
John Weisenberger	Flint	1991
Merle Hendricks	Tecumseh	1990
Willard Morley	Gladstone	1990
John C. Ameel	Marine City	1989
Brian Ruddy	L'Anse	1988
Clifton C. Albers	Grand Haven	1987
David Jansen	East Lansing	1986
Paul Mattausch	Blissfield	1985

AWWA W/ HALL OF FAME

George Fenkell	Detroit	2016
Donald K. Shine	Wyoming	2003
Louis Ayres	Ann Arbor	1996
Gardner S. Williams	Ann Arbor	1082

OUTSTANDING SERVICE

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Patsy S. Clark

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TO AWWA	VG SERVICE	
Charles Van Der Kolk William A. Kelley Donald K. Shine		2015 2008 1985
AWWA LAND	MARKS	
John Dye Water Cond Mt. Clemens Water Fil Sault Ste. Marie Wate Grosse Pointe Farms	Itration Plant r Storage Tank	2014 2005 1996
Treatment Plant Marine City Water Wo Lake Superior Water V	rks	1994 1992
Standpipe, Calumet Alpena Water Treatme Water Works Park, De Monroe Waterworks F Ann Arbor Barton Dan	ent Plant troit iltration Plant	1991 1991 1988 1985
and Impoundment Grand Rapids Monroe Water Plant	Ave.	1985 1980
AMBASSADO	R AWARD	
Eric J. Way Gregory Sowa Gordon E. Olivier	Lansing Saginaw Lansing	1999 1997 1981
	RESIDENTIAL	
Eric J. Way	Grand Ledge	2014
SILVER PRESI	DENTIAL AWA	RD
Eric J. Way Gordon E. Olivier	Lansing Lansing	1999 1981
JACK A. BOR	CHARDT AWA	RD
Lutgarde Ruskin Eugene A. Glysson Eric J. Way Thomas Newhof James Cleland Richard Force Dan Wolz Wallace Rogalski Wayne H. Abbott Jr. Arthur Maass William J. Redman Ervin H.A. Stahl Jack E. Cooper	Ann Arbor Grand Ledge Grand Rapids Lansing Ann Arbor Wyoming Saginaw Ann Arbor Midland Lansing Lansing Plymouth	2017 2011 2011 2008 2005 2002 1999 1996 1993 1990 1988 1986 1983
YOUNG PRO		
OF THE YEAR Jenna Karazim Patrick Droze Carrie Ricker Cox Jaime Petrovich Dave Schroeder Daw Schroeder Daw Kitchen Jeff Glover Matt Torminson Dan Lewis Brian Steglitz Kris Philip	AWAKD	2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2006
RICHARD HU AWARENESS		
Erin Campbell Michael O'Malley Susan Deming David Morse Gary Wozniak Dennis Williams Mary Jane Robinson	supervised Protection Team	2014 2013 2012 2011 2009 2008 2007 2006 2005 2004 2003 2002 2001 1999 1998 1997 1996

GOLD WATER DROP AWARD

William Kelley	2014
Gary Logsdon	2014
Thomas Newhof	2014
Daniel Stock	2012
Jack Chidister	2011
Cletus Courchaine	2011
James Hubbell	2011
Gerald Goshorn	2010
Wilfred LePage	2010
Harry D. Bennetts	2009
Ernest Cedroni	2009
John A. Grasel	2009
W. Gordon Miller	2009
William C. Ewing	2008
John M. Holland	2008
Patrick W. McAvinchey	2008
Kenneth F. Nefe	2008
Francis D. Newell	2008
Kenneth M. Squiers	2008
Anthony V. Stuppnig	2008
Paul E. Vankooten	2008
Parry Baer	2007
Donald Holley	2007
Emmett Lowry	2007
William Richards	2007
SILVER WATER DROP	AWARD
Joseph Ahee	2016
Greg Alimenti	2016
Lynn Anderson	2016
Dennis Benoit	2016
Gordon Berkel	2016
Ray Berkin	2016
Terry Biederman	2016
S. Mark Bogdanik	2016
Kathleen Boyle	2016
Pierre Brazeau	2016
Terry Broemer	2016
Thomas Bugai	2016
Rodney Burkholder	2016
Brian Cardinal	2016
Matthew Carey	2016
Ronald Carr	2016
David Carson	2016
Bradley Cittel	2016
Patsy Clark	2016
Patrick Cook	2016
Harland Couillard	2016
Thomas DeLaura	2016
Donald DeVries	2016
Steven Dlubala	2016
William Dooley	2016
Terry Drenth	2016
Michael Drewyor	2016
David Esch	2016
Randal Ford	2016
Michael Glowinski	2016
Joseph Goergen	2016
Robert Goodheart	2016
Thomas Gray	2016
George Haga	2016
Robert Harbron	2016
Kevin Harrison	2016
Bruce Hauch	2016
Ronald Hayes	2016
Stan Hazan	2016
Joe Hebert	2016
Jefferey Hinojosa	2016
David Hobson	2016
James Houska	2016
Craig Hupy	2016
Thomas Idema	2016
Zachary Jackson	2016
Richard Judkins	2016
Tim Kading	2016
Douglas Kadzban	2016
Steven Kalinowski	2016
Tim Kehn	2016
Robert Koehn	2016
Lloyd Kramer	2016
Roy Kuennen	2016
James Labell	2016
Thomas Larder	2016
William Leafdale	2016
Allen Lemieux	2016
Robert London	2016
Todd Luks	2016
Neil Lyons	2016

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1995

Past Award Recipients

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SILVER WATER DROP AWARD

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Thomas MacKenzie James MacQuarrie	
Richard Mahoney	
William Maier Barbara Marczak	
John Martin	
William Martin	
Robert Mattfolk	
Shawn McColley	
Sue McCormick	
Kenneth McDonough	
Andrew Messina David Miller	
James Moreau	
Michael Mulder	
John O'Brien	
Eli Oklejas	
Jan Pavlicek	
Steven Peterson Donald Petrovich	
Catherine Prein	
Patrick Raftery	
Lutgarde Raskin	
James Redding	
Paul Reinsch	
Karen Ridgway Daniel Schechter	
Leslie Schmidtke	
James Scholl	
Gary Schrader	
John Seppi	
Brett Smith	
Michael Smith	
Thomas Spitzner Blake Stark	
Mark Strahan	
Robert Stucker	

Mark TenBroek Joellen Thompson Rohit Trivedi James Van De Wege Frederick Van Luven Joseph Vander Stel Robert Veneklasen Mark VerBerkmoes Uldis Vitins Timothy Warner Ondrea Washington Allen Weber James Webster Matthew Weldon Daniel Whalen Curtis White Eric Witte Brian Wohlscheid Bruce Wood Scott Zastrow Bruce Zimmerman Joel A. Annable David Burkett Clyde R. Dugan Ira M. Gabin Glen Michel Thomas Rook Charles Van Der Kolk Michael G. Blom Donald J. DeGrand Guy Forstrom Timothy D. McNamara Stephen C. Nichols Janice M. Skadsen David Bratt Gregory Brown

Donald French

Raymond Hildinger Charles (Bill) Ireland Daniel Jenkins Wayne Langeland Steven Lawry John Premo Mark Rose Bruce Sabin Steven Sienkiewicz Tom Van Der Kolk Martin Hage David Rich Terry Alexa James Heath Brock Howard David Koss Charles Lieberman John Meyer Barry Simescu John Snethkamp Gary Tuhacek Jerry Wilson Brett Yardley Harold Bajema Steven Boss Michael Call Robert Dalzell Gary Flannigan Donald Link Maureen Wegener

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LIFE MEMBERS

Kenneth Anderson	2016	David Herman	2010
Rohit Trivedi	2016	Steve Hohensee	2010
Clyde Dugan	2015	Bruce Jerome	2010
Brock Howard	2015	Jack Jewett	2010
Steve Sierkiewicz	2015	David Morse	2010
Gary Tuhacek	2015	Tim Roache	2010
Harold Bajema	2014	David Schendel	2010
Martin Hage	2014	Melvin Sheats	2010
Charles (Bill)	2014	Robert Seif	2010
Ireland		Douglas R. Dail	2009
Donald Link	2014	Albert M. Dewitt	2009
David Rich	2014	George E. Hubbell	2009
Barry Simescu	2014	Robert H. Kuhn	2009
Jerry Wilson	2014	F. Keith Oldewurtel	2009
James Heath	2013	John E. Racek	2009
John Meyer	2013	Larry D. Sanford	2009
Robert Dalzell	2012	Paul Seegert	2009
Bill Beauchaine	2011	Arthur L.	2009
Henry Binder	2011	Shufflebarger	
Jerry Caron	2011	Thomas M. Teske	2009
Mike Chesher	2011	Frank M.	2009
Vic Chichester	2011	Tymowski	
Mark Coleman	2011	David W. Upmeyer	2009
William Fazer	2011	Eric J. Way	2009
Malcolm Fox	2011	Dennis E.	2009
Dan Gebrowsky	2011	Wuefel Sr.	
David Hand	2011	Luther Brodbeck	2008
Bob Kimmer	2011	A. Craig Burandt	2008
Art Maass	2011	John DeKam	2008
Kirk Page	2011	Thomas Hollis	2008
Jim Rabedioux	2011	Paul Hudson	2008
Ed Serwatowsk	2011	H. Andrew Kaatz	2008
Mike St. Bernard	2011	Harry Kleiman	2008
Gary Trese	2011	Charles Kronk	2008
Dennis Williams	2011	Larry Moehlman	2008
Thomas Biehl	2010	Dave Timm	2008
Ronald Brondyke	2010	John Van Uffelen	2008
Bruce Clark	2010	Donald Wiedyke	2008

(Life Members prior to 2008 are not listed)

Congratulations to All Our Present & Past Award Winners!





Our MI-AWWA Buyers' Guide consists of two sections: 👝

1. A categorical listing of products and services, including a list of the companies that provide them

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2. An alphabetical listing of the companies appearing in the first section. This listing includes name, contact info, website and more.

CATEGORIES

ACCESS HATCHES

ACOUSTIC PIPE INSPECTION InfoSense, Inc.

ACTIVATED CARBON CEI-Carbon Enterprises, Inc. Global Treatment Solutions

AMI ADVANCE METERING INFRASTRUCTURE United Systems & Software

ANTHRALITE CEI-Carbon Enterprises, Inc.

CHEMICAL PROCESSING & FEED SYSTEMS TGO Technologies Water Solutions Unlimited

CLARIFIERS Kusters Water

COATINGS, LININGS, & CORROSION CONTROL Dixon Engineering, Inc. SUEZ Water Advanced Solutions (Utility Service Co., Inc.) Water Solutions Unlimited

CONSTRUCTION CASTINGS

CONTRACTORS HD Supply Waterworks Kerr Pump & Supply LiquiForce

CONFERENCES AND EVENTS American Water Works Association

CSO & STORMWATER EQUIPMENT VEGA Americas

CSO/SSO CONTROLS, WATER RESOURCES, DISTRIBUTION & COLLECTION CDM Smith Michigan Inc.

Greeley and Hansen InfoSense, Inc Waterworks Systems & Equipment, Inc.

CURED IN PLACE PIPE LINING-POTABLE FER-PAL Construction

DISINFECTION/EQUIPMENT TGO Technologies

ELECTRICAL INSTRUMENTATION/ CONTROLS/GENERATORS

AECOM Fishbeck, Thompson, Carr & Huber, Inc. Kennedy Industries, Inc. Kerr Pump & Supply Peerless-Midwest, Inc. UIS SCADA Inc. VEGA Americas Wade Trim

ENGINEERS/CONSULTANTS AECOM

Arcadis of Michigan, LLC Dixon Engineering, Inc. CDM Smith Michigan Inc. Fishbeck, Thompson, Carr & Huber, Inc. Fleis & Vandenbrink Greeley and Hansen Kerr Pump & Supply Prein & Newhof UIS SCADA Inc. Wade Trim Williams & Works, Inc.

ENVIRONMENTAL CONTAMINANT TREATMENT SYSTEMS TGO Technologies

EQUIPMENT SERVICE/INSTALLATION Kusters Water

FILTER MEDIA CEI-Carbon Enterprises, Inc. Global Treatment Solutions Kennedy Industries, Inc. Water Solutions Unlimited

FILTRATION

CEI-Carbon Enterprises, Inc. Global Treatment Solutions J.G.M. VALVE CORP. Kusters Water Peerless-Midwest, Inc. Waterworks Systems & Equipment, Inc.

FRP DOORS & GRATING J.G.M. VALVE CORP.

GEOGRAPHIC INFORMATION SYSTEMS

Arcadis of Michigan, LLC CDM Smith Michigan Inc. Fleis & Vandenbrink Prein & Newhof

GREENSAND PLUS CEI-Carbon Enterprises, Inc.

GRIT REMOVAL

Lakeside Equipment Corporation

INSPECTORS/LOCATORS Dixon Engineering, Inc. InfoSense, Inc.

INTAKE SCREENS Lakeside Equipment Corporation

LABORATORY TESTING KAR Laboratory, Inc.

LEAK DETECTION M.E. Simpson Co., Inc.

LEVEL INSTRUMENTATION VEGA Americas

MANHOLE COVERS & FRAMES

MANHOLE REHABILITATION InfoSense, Inc.

METERS/METER TESTING

Badger Meter, Inc. M.E. Simpson Co., Inc. SUEZ Water Advanced Solutions (Utility Service Co., Inc.) UIS SCADA Inc. United Systems & Software

METER READING SYSTEMS

Badger Meter, Inc. United Systems & Software

ODOR CONTROL SOLUTIONS

Bluewater Engineered Storage Systems Global Treatment Solutions Kennedy Industries, Inc. Kusters Water PVS Technologies Waterworks Systems & Equipment, Inc.

OPERATION SERVICES

Fleis & Vandenbrink LiquiForce Wade Trim

PACKAGED TREATMENT PLANTS Lakeside Equipment Corporation

2017 Buyers' Guide



PIPE & APPURTENANCES

American Spiralweld Pipe American-Ductile Iron Pipe Bluewater Engineered Storage Systems HD Supply Waterworks InfoSense, Inc. LiquiForce Total Piping Solutions

PIPE REPAIR PRODUCTS

Krausz USA Total Piping Solutions

PIPELINE REHABILITATION

Krausz USA

PROCESS MECHANICAL CDM Smith Michigan Inc.

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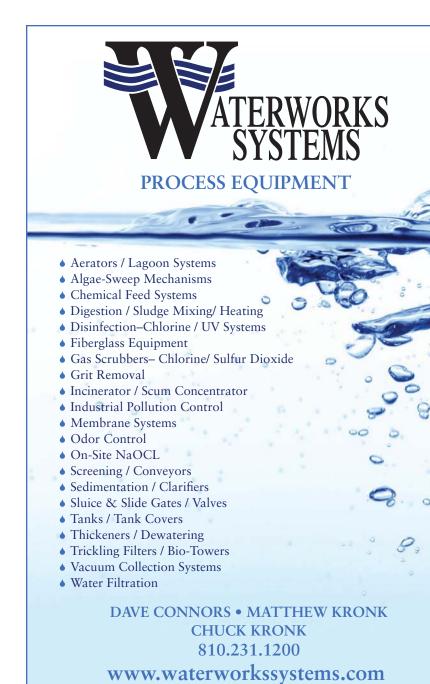
CDIM SITILITI MICHIgan Inc.

PUMPS/PUMP SYSTEMS

Arcadis of Michigan, LLC Fishbeck, Thompson, Carr & Huber, Inc. Kennedy Industries, Inc. Kerr Pump & Supply Peerless-Midwest, Inc. SUEZ Water Advanced Solutions (Utility Service Co., Inc.) Vesconite Wade Trim Water Solutions Unlimited

REHAB & MAINTENANCE SERVICES

SUEZ Water Advanced Solutions (Utility Service Co., Inc.)



RESIDUALS/WASTE MANAGEMENT

Bluewater Engineered Storage Systems Greeley and Hansen SUEZ Water Advanced Solutions (Utility Service Co., Inc.) Waterworks Systems & Equipment, Inc.

SAFETY PRODUCTS TGO Technologies

SCADA SYSTEMS UIS SCADA Inc.

SEPTAGE RECEIVING FACILITIES Lakeside Equipment Corporation

SEWER FLOW MONITORING VEGA Americas

STEP SCREENS/HEADWORKS Kusters Water

STORAGE TANKS/RESERVOIR SYSTEMS

Bluewater Engineered Storage Systems Dixon Engineering, Inc. DN Tanks, Inc. Pittsburg Tank & Tower Maintenance Co.

SURVEYING Flies & Vandenbrink Prein & Newhof

TANK MAINTENANCE & INSPECTIONS Pittsburg Tank & Tower Maintenance Co.

VALVE ASSESSMENTS/ HYDRANT FLOW TESTING/SMOKE TESTING M.E. Simpson Co., Inc.

VALVES Airvac-A brand of Aqseptence Group Badger Meter, Inc.

J.G.M. VALVE CORP. Kennedy Industries, Inc. Kerr Pump & Supply

WASTEWATER COLLECTION SYSTEMS Airvac-A brand of Agseptence Group

WATER DISTRIBUTION SUPPLIES DN Tanks, Inc.

WATER QUALITY MONITORS Kennedy Industries, Inc.

WATER TREATMENT CHEMICALS PVS Technologies Water Solutions Unlimited

WATER/WASTEWATER TREATMENT SYSTEMS AECOM

Bluewater Engineered Storage Systems CEI-Carbon Enterprises, Inc. CDM Smith Michigan Inc. Fishbeck, Thompson, Carr & Huber, Inc. Fleis & Vandenbrink Franklin Miller Inc Global Treatment Solutions Greeley and Hansen HD Supply Waterworks J.G.M. VALVE CORP. Kennedy Industries, Inc. Kusters Water Lakeside Equipment Corporation Peerless-Midwest, Inc. Prein & Newhof TGO Technologies Total Piping Solutions UIS SCADA Inc. Wade Trim Waterworks Systems & Equipment, Inc.

WATER WELL DESIGN/CONSTRUCTION Peerless-Midwest, Inc.

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2017 Buyers' Guide

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LISTINGS

A

AECOM Troy Naperala, PE 10850 Traverse Highway, Suite 3365 Traverse City, MI 49684 231-922-4301 troy.naperala@aecom.com www.aecom.com

Airvac-A brand of Aqseptence Group

200 Tower Drive, Suite A Oldsmar, FL 34677 813-855-6297 airvac.water@bilfinger.com www.airvac.com



AMERICAN DUCTILE IRON PIPE

American-Ductile Iron Pipe Jordan Byrd PO BOX 2727 Birmingham, AL 35207 205-307-2969 jordanbyrd@american-usa.com

www.american-usa.com



American Spiralweld Pipe Jordan Byrd PO BOX 2727 Birmingham, AL 35202 205-307-2969 jordanbyrd@american-usa.com www.american-usa.com

American Water Works Association

American Water Works Association 6666 W Quincy Ave Stephanie Hutton Denver, CO 80235 800-926-7337 service@awwa.org www.awwa.org

Arcadis of Michigan, LLC

Greg Foote 101 S. Washington Square, Suite #400 Lansing, MI 48933 517-337-0111 greg,foote@arcadis-us.com www.arcadis-us.com

В



Badger Meter, Inc. 4545 W. Brown Deer Road Mark Wright Milwaukee, WI 53224 800-876-3837 mwright@badgermeter.com www.badgermeter.com

Bluewater Engineered Storage Systems

Mark Nelson 2000 Town Center, Suite 1000 Southfield, MI 48075 248-351-9773 mnelson@bluewaterstoragesystems.com www.bluewaterstoragesystems.com

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С

CDM Smith Michigan Inc.

Mark TenBroek 645 Griswold Street, Suite 3770 Detroit, MI 48226 313-963-1313 tenbroekmj@cdmsmith.com www.cdmsmith.com

CEI-Carbon Enterprises, Inc.

28205 Scippo Creek Road Circleville, OH 43113 800-344-5770 sales@ceifiltration.com www.ceifiltration.com

D

Dixon Engineering, Inc. Cheri Laverty

1104 Third Avenue Lake Odessa, MI 48849 616-374-3221, ext. 313 cherilaverty@dixonengineering.net www.dixonengineering.net

DN Tanks, Inc.

Steve Applegate 100 West Court Avenue, Suite 109 Jeffersonville, IN 47130 317-517-5771 steve.applegate@dntanks.com www.dntanks.com

E



John Hunter 301 Spring Street East Jordan, MI 49727 800-626-4653 *john.hunter@ejco.com*

F

FER-PAL Construction

Chris Van Wormer 26187 Northline Road Taylor, MI 48180 734-946-2036 chris.vanwormer@ferpalinfrastructure.com ferpalinfrastructure.com

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Fishbeck, Thompson, Carr & Huber, Inc. Christopher Frilen 1515 Arboretum Drive, SE Grand Rapids, MI 49546 616-464-3715 crfrilen@ftch.com www.ftch.com

Fleis & Vandenbrink

Paul Galdes 2960 Lucerne Drive SE Grand Rapids, MI 49546 616-977-1000 pgoldes@fveng.com www.fveng.com



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www.franklinmiller.com

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Global Treatment Solutions

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Alaina Korreck 10312 N. Holly Road Holly, MI 48442 810-238-9190 akorreck@global-treatmentsolutions.com www.global-treatmentsolutions.com

Greeley and Hansen Deborah Veal

1001 Woodward Avenue, Suite 850 Detroit, MI 48226 *dveal@greeley-hansen.com*

Η

HD Supply Waterworks hdswaterworks.com

Hubbell, Roth & Clark, Inc.

Jesse VanDeCreek, P.E. 555 Hulet Drive, P.O. Box 824 Bloomfield Hills, MI 48303-0824 248-454-6300 *jvandecreek@hrc-engr.com www.hrc-engr.com*

Hydro International

2925 NW Aloclek, Suite 140 Hillsboro, OR 97124 866-615-8130 wwinquiryus@hydro-int.com www.hydro-int.com

J

InfoSense, Inc.

Alex Churchill 8116 S. Tryon Street, STE B3-203 Charlotte, NC 28273 704-644-1164 achurchill@infosense.com www.infosense.com https://www.facebook.com/InfoSenseIncSLRAT



J.G.M. VALVE CORP. Joey Maruskin 1155 Welch Road, Suite D Commerce, MI 48390 248-926-6200 contact@jgmvalve.com www.jgmvalve.com

Κ

KAR Laboratory, Inc. Jayne Rauch 4425 Manchester Road Kalamazoo, MI 49001 269-381-9666 *jrauch@karlabs.com www.karlabs.com*

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Kennedy Industries, Inc. Rick Alvarez 4925 Holtz Drive

Wixom, MI 48393 248-684-1200 ralvarez@kennedyind.com www.kennedyind.com



Kerr Pump & Supply

Glenn Kline 12880 Cloverdale Oak Park, MI 48237 248-543-3880 glenn@kerrpump.com www.kerrpump.com

Krausz USA

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L

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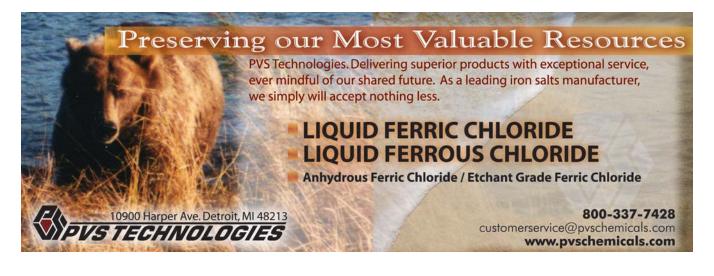
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2017 Borchardt Conference *O Success*,



Jim Borchardt, Dr. Lut Raskin (Borchardt Awardee), Tom Newhof

Congratulations to Borchardt Award winner Dr. Lutgarde Raskin!

The 24th Triennial Borchardt Conference was held on February 21-22, 2017 in the Rackham Building Auditorium on the campus of the University of Michigan. This years' conference brought together over 225 engineers, scientists, researchers, practitioners and students to discuss the latest advances in water and wastewater treatment and technology. The Borchardt Conference is named in memory of Dr. Jack Borchardt, who originally introduced the sanitary engineering curriculum at UM, and who relentlessly pioneered water industry training and technology transfer programs in Michigan from the late 1940s until his retirement in 1982. A total of 21 oral presentations and 59 research posters were offered by speakers from around the U.S. and Michigan, including representatives from 11 different universities. Many long-time Borchardt attendees remarked that "2017 attendance and program offerings were the best ever!"

Highlights of the 2017 conference included keynote lectures by Dr. Janet Stout, Associate Professor of Civil and Environmental Engineering and Director of the Special Pathogens Laboratory at the University of Pittsburgh Swanson School of Engineering; and by Dr. Sudhir Murthy, Innovations Chief, District of Columbia Water and Sewer Authority. All 2017 Borchardt Conference slides and papers will be posted at: www.mi-water.org/?page=PresLibrary

Professor Jack Borchardt was dedicated to research and teaching within the Civil Engineering Department at the University of Michigan, and to the concept of lifelong education and in-service training. A special highlight of each triannual conference since 1983 has been presentation of the Jack A. Borchardt Award *"in recognition and appreciation of individual contributions*

toward the continuing education of drinking water and clean water operators, engineers and public officials." The 2017 Borchardt Award was presented to Dr. Lutgarde Raskin of the University of Michigan. Among many other honors, Lut is the Altarum/ERIM Russell O'Neal Professor of Engineering and Graduate Chair in the Department of Civil and Environmental Engineering. She has served on the Borchardt Conference Planning Team for the last 10 years, and has dedicated much of her professional life to continuing Dr. Borchardt's legacy of excellence in engineering education and lifelong learning.

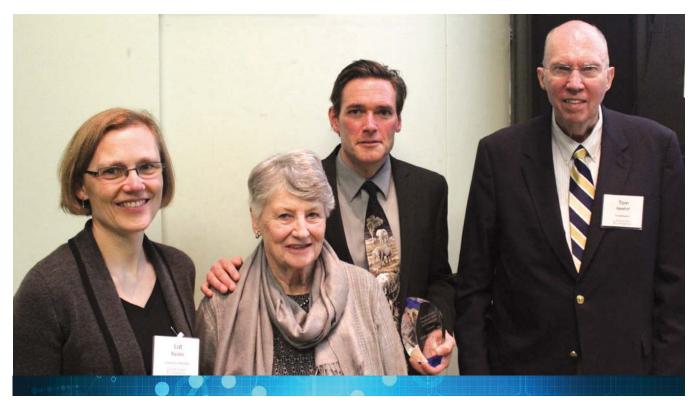
Two other significant events occurred during the 2017 conference. The new *Borchardt-Glysson Water Treatment Innovation Prize* was awarded to Dr. Marc Edwards of Virginia Tech. The Prize was given in honor of Dr. Edwards' internationally recognized water technology and public health contributions, and included a \$10,000 cash award. Dr. Edwards graciously chose to donate his cash prize to help promote youth science and engineering education in Flint. No less momentous was the appointment of Dr. Nancy G. Love to be the first-ever Borchardt and Glysson Collegiate Professor of Civil and Environmental Engineering at the University Michigan. Dr. Love is a former chair of the CEE Department, and also serves as Associate Dean for Academic Programs and Initiatives in the UM Rackham School of Graduate Studies. Congratulations to Dr. Edwards and Dr. Love on these additional honors to their respected careers!

Inaugural Award of Borchardt-Glysson Water Treatment Innovation Prize to Dr. Mark Edwards

Marc Edwards, the Charles P. Lunsford Professor of Civil and Environmental Engineering at Virginia Tech, was awarded the first-ever Borchardt-Glysson Water Treatment Innovation Prize on February 21, 2017. The presentation took place at the 2017 Borchardt Conference in the Rackham Building Auditorium on the campus of the University of Michigan. Dr. Edwards delivered a special lecture entitled "Sustainable Water Distribution Systems of the Future: Fixing Old Mistakes and Avoiding New Ones." The Prize was given in honor of Dr. Edwards' internationally recognized water technology and public health contributions, and included a \$10,000 cash award. After his acceptance and lecture, Dr. Edwards graciously chose to donate his cash prize to help promote youth science and engineering education in Flint MI.

The Borchardt-Glysson Water Treatment Innovation Prize was recently established through a generous gift by Tom and Greta Newhof to the College of Engineering of the University of Michigan. The donors chose to recognize Professors Borchardt and Glysson by selecting the name of the prize.

Every three years the Michiganbased Borchardt Conference brings together a diverse group of engineers, scientists, public health specialists, and students to present and discuss the latest issues and advances in water and wastewater technology. Professor Jack Borchardt was dedicated to research and teaching within the Civil Engineering Department at the University of Michigan, and to the concept of lifelong education and in-service training.



Dr. Lut Raskin, Greta Newhof, Dr. Marc Edwards (Prize Winner), Tom Newhof

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By Eric Fogg, Reach Beyond

Safe Water in Ecuador is a program of the MI-AWWA and is funded through the generous support of donations as well as fundraising events.



n October 2015, a group of SWIE committee members travelled to Ecuador to visit an array of communities that we have contributed to financially to assist with the installation of community water systems. In addition, we visited a small community along the edge of the amazon rain forest, Santa Rosa, in

hopes to partner with Reach Beyond and contribute funds to a small community named Kawá, also along the edge of the amazon rain forest.

Our support has allowed Kawá to begin the process of installing a community water system. This system is a joint project with Reach Beyond, SWIE, and the local government. Reach Beyond is a Christian mission that has been working with water projects in Ecuador for more than 30-years.

More than three years ago, the community of Kawá approached Reach Beyond to help design and construct a water system. They had been asking the local government for years, however, the local authorities did not







have enough money to completely fund the project. SWIE has played the key role that has allowed the project to succeed. SWIE funding was the element that put this all in motion. Reach Beyond performed the topographical survey, the technical drawings, and organized the community work projects called "mingas."

As of February 9, 2017, the community has worked very hard to capture the spring and this phase of the project is complete. In combination with Reach Beyond, SWIE has provided all of the tubes for the distribution system, and 1.5-kilometers (approx. 1-mile) of pipes has been installed. The water tower is the next phase, and the local government has committed to its construction. The process is well under way to obtain a contractor, but the winner of the bid has not yet been announced. We are hoping that the water tower will be completed in June of 2017.

Final phases of the project are installing the house water points in front of each house, and the solar array with the pump. Although the project is currently waiting for the government to install the water tower, the community is very excited to have completed their portion of the work in near record time.

We would like to thank SWIE, and all of their amazing supporters, for allowing clean water to change the lives of the people of Kawá.



Nominating Committee Seeking Candidates

he Nominating Committee is seeking candidates for terms beginning in September 2017 (in conjunction with the Annual Conference) for the following positions:

- Trustees three year term
- Chair-Elect one year term followed by one year as Chair and one year as Past Chair

Self and peer nominations are both encouraged. Please also note the bylaws of the Section indicate that one of the board members should be from the Upper Peninsula of Michigan and one should be 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. A nomination should include a short statement of interest and a brief summary of industry and AWWA activities. Interested members are encouraged to contact any of the Nominating Committee members with any questions. Nominations are due by May 1, 2017 and should be submitted to: Mark Coleman at *mcoleman@wadetrim.com*. Those who have submitted nominations in previous years are reminded to please reconfirm their interest for the coming year.



MDEQ UPDATE



ACCEPTING NOMINATIONS FOR THE EDWARD DUNBAR RICH SERVICE AWARD

Every year the Michigan Department of Environmental Quality (MDEQ) presents the Edward Dunbar Rich Service Award to water utility personnel who have served meritoriously and faithfully for 25 years in the Michigan waterworks industry. You may have heard of the award, but who was Edward Dunbar Rich?

Edward Dunbar Rich was born in 1868 in Marcellus, New York. After attending Syracuse University, and Rensselaer Polytechnic Institute, he worked as an engineer in various capacities, including as city engineer for several New York municipalities. Rich was then appointed Assistant Professor of the Civil Engineering Department at the University of Michigan, where he taught from 1908 to 1913. Edward Dunbar Rich was also an author, with several published articles and one book addressing water system engineering. He also served as a Major in the Sanitary Corps.

In 1913 he was appointed as State Sanitary Engineer of Michigan. While serving as Michigan's first sanitary engineer, he was responsible for performing sanitary surveys and approving construction permitting. He was known and respected for his quick response to waterborne disease outbreaks, and his sound engineering advice. We honor his memory by honoring our water utility personnel for their dedication. Rich Award applications are now being accepted, with an application deadline of July 15, 2017. Please visit www.michigan.gov/drinkingwater and click on "Community Water Supply Home Page" to find information on the Rich Award and the nomination form.

Sources:

- www.mi-water.org/?page=Hallby Name#DunbarRich
- https://www.lib.umich.edu/facultyhistory/faculty/edward-dunbar-rich/ memoir
- https://www.lib.umich.edu/facultyhistory/faculty/edward-dunbar-rich/bio

FINAL UCMR4 RELEASED BY EPA

The final Unregulated Contaminant Monitoring Rule 4 (UCMR4) identifies 30 contaminants that will be monitored by public water systems between 2018 and 2020, and specifies the analytical methods that must be used to measure these contaminants. The UCMR program provides EPA with nationally representative data on the occurrence of contaminants in drinking water, the number of people potentially being exposed, and an estimate of the levels of that exposure. The 30 contaminants included in the final UCMR4 consist of:

- Nine cyanotoxins and one cyanotoxin group (toxins produced by harmful algal blooms);
- Two metals;
- Eight pesticides plus one pesticide manufacturing byproduct;
- Three brominated haloacetic acid groups (disinfection byproducts);

• Three alcohols; and

• Three semivolatile organic chemicals. All large community water systems and non-transient non-community water systems (that serve more than 10,000 people) will participate in UCMR4. A representative sample of 800 small systems will monitor for the 10 cyanotoxins, and a different sample of 800 small systems will monitor for the 20 other contaminants. The water systems that participate in UCMR4 account for approximately 80 percent of the population served by public water systems in the U.S.

In the last UCMR cycle (UCMR3), EPA required consecutive systems to also monitor for selected contaminants, particularly the ones for which compliance monitoring is normally conducted in the distribution system. With more disinfection byproducts included in UCMR4, consecutive customer supplies can expect to be included again.

In accordance with Safe Drinking Water Act, EPA will consider the occurrence data from UCMR4 and other sources, along with peerreviewed health effects assessments, to support a regulatory determination on whether to initiate the process to develop a national primary drinking water regulation.

As data become available, EPA will post results in the National Drinking Water Contaminant Occurrence Database, which is available on EPA's website. Additional information on UCMR4 and the UCMR program, including a copy of the signed final rule, is available at: https://www.epa.gov/dwucmr.

INTRODUCING THE MICHIGAN WATER ACADEMY®

he Michigan Section is expanding its training program by developing the new Michigan Water Academy[®]. The Academy is designed to complement existing Section training and to supplement state licensure, taking the learner beyond regulatory requirements, helping him/ her to demonstrate both skill and judgement. It is the hope that the Academy[®] can serve as a career progression pathway that helps water professionals advance within their organization and reach their long-term career goals. The Academy begins with an introductory level for those new to water or those who don't work in a technical role, such as customer service reps or administrative staff. The learner can then progress through the next three levels as needed or desired working up to the Master level. (See inset below for levels and their corresponding courses.)

The Introductory level courses are available now. Check the training calendar online for classes and dates nearest you. The remainder of the courses are still in development with a role out of classes over the coming 18 months.

WE NEED SUBJECT MATTER EXPERTS

The Section is using three approaches to course development: licensing

existing courses, partnering with training companies, and developing original content. No matter how the course is developed, Michigan Section members will review the program agendas to ensure the highest degree of applicability for Michigan water professionals. This takes a host of volunteer experts willing to commit their time and talent to helping the Section develop these new training options.

WE ALSO NEED TRAINERS

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 in the water sector. Each trainer will be required to complete a Trainer Onboarding program that helps ensure an understanding of adult learning best practices as well as a high degree of training proficiency.

WHAT'S NEXT

The Education & Training Council is spearheading the review of courses. If you are interested in either content development, content review, or becoming a trainer, please contact Executive Director Bonnifer Ballard at *bballard@mi-water.org.*

A special thank you to the Michigan Water Academy[®] Advisory Committee members Wayne Jernberg of Grand Rapids, Brian Steglitz of Ann Arbor, Dave DeGrand of Lansing, Terri Conerway of Great Lakes Water Authority, and Bill Fritz formerly of Waterford and now of Great Lakes Water Authority for the ongoing guidance in the creation of the Michigan Water Academy[®].

MICHIGAN WATER ACADEMY®

Safety is an integral part of every technical class. The Academy[®] strives to create a safety culture and instill that culture in its learners.

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 this level, learner receives a certificate of completion and would be prepared to sit for state licensing exams.

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

Not all classes are available. Many are still in development. *Credential not yet available.



Save the Aate

Exhibit space available starting May 1. Registration opens June 1. Visit *http://www.mi-water.org/?page=MIACE* for more information.



JOINT EXPO & OPERATORS DAY HIGHLIGHTS

Joint Expo & Operators Day offered trainings, a host of exhibits to visit, and some fun and prizes throughout the two days.



More than 30,000 sq. ft. of space offered wares from more than 200 exhibiting companies and their partners.



The Infrastructure Funding Seminar had a record number of attendees. Operators Day (pictured) had a full house as well.

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WHO WILL REPRESENT?

By Kelly Gleason, LBWL and Mike Schlegelmann, City of Troy

Another set of riveting competitions have come and gone, the 2017 Michigan Section State competitions took place on Tuesday and Wednesday, February 7 and 8 during the Joint Expo in Lansing.

WATER TAPPING

Two men's teams and two women's teams came ready to fight for the state title. The men's division defending state champions from 2016, the City of Troy, was the first at the main. After some issues with the water main and even some equipment failure their tapping times came in at 2:00.09 and 1:42:35, setting the time to beat for the men. The Troy women's team, Smooth Operators, followed on the pipe in an attempt to defend their 2016 state title; their first run came in at 3:19.44 and their second at 3:26.23. The LBWL women's team and defending national champions, Lethal Ladies, tapped next and finished with a time of 2:27.28, reclaiming the state title for the women's division. The LBWL Men's Team finished up the tapping competition; their first run came in at 1:47.09. They came back with an energetic second run finishing with 1:35.09 claiming the state title for the men's division.

The LBWL dominated this year's water main tapping competition. There will be three teams representing the Michigan Section AWWA at the National competition held in Philadelphia this June; the LBWL men's team, Troy's Smooth Operators and the defending national champions LBWL's Lethal Ladies. Congratulations to all teams for outstanding performances.

HYDRANT HYSTERIA

The Hydrant Hysteria contest was fast and exciting with three teams in contention. Each team attempted to assemble a McWayne M & H fire hydrant in the fastest time with all bolts tightened properly, assembled and aligned correctly, and with the main valve in the off position. Each team was given the opportunity to try twice, with their best as a final time. After the dust settled, the results were very close only seven seconds from first to third place. Taking first place and representing the Michigan-Section at ACE17 in Philadelphia, the City of Battle Creek, with a final time of 1:44:06. The City of Troy took second place with a time of 1:49:46 and Lansing Board of Water and Light came in third with a time of 1:51:37.

Congratulations to the Battle Creek team. Good Luck in Philadelphia.

TAPPING TEAMS PRESENT: LBWL Michigan Tappers:

Coach: Derek Miller Set-Up: Jon VanDommelen Cranker: Brad Lundquist Copper: Richard (Moe) Garza

Lansing Lethal Ladies:

Coach: Remecho Sanders Set-Up: Beth Zimpfer Cranker: Kelly Gleason Copper: Maggie Emerson-Rich Alternate: Marissa Klimkiewicz

Smooth Operators:

Coach: Mike Schlegelmann Set-Up: Jeanette Menig Cranker: Nikki MacMillan Copper: Kelly LaPointe

Troy Tappers:

Coach: Scott Corruthers Set-Up: Jake Diepholz Cranker: Andy Willetts Copper: Rich Wiles

HYDRANT TEAMS PRESENT: The City of Battle Creek

Coach: Jeff Faulk **Team:** Mark Olmstead and Rueben West

The City of Troy

Coach: Mike Schlegelmann **Team:** Mark McCallum and Nick Schwab

Lansing Board of Water and Light

Coach: Brad Lundquist **Team:** Richard Garza and Jon Van Dommelen

METER MADNESS PARTICIPANTS:

- Burnis Moore, City of Battle Creek
- Camden Shrum, Oakland County
- Jon VanDommelen, LBWL
- Josh Barker, City of Battle Creek
- Rick Greenwell, City of Troy
- Tim Davis, City of Troy





First Place Men - LBWL Michigan Tappers



First Place Ladies - Lansing Lethal Ladies



Second Place Men - Troy Tappers



Second Place Ladies - Smooth Operators



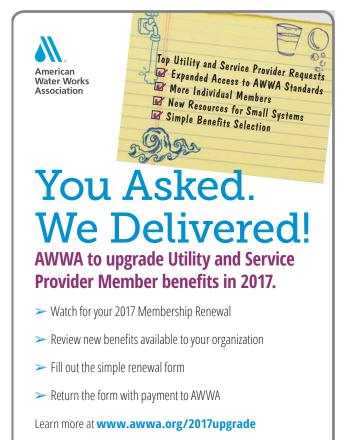
Meter Madness First Place Winner - Rick Greenwell

Hydrant Hysteria First Place Winners -City of Battle Creek

METER MADNESS

This year's Meter Madness contest took place right after the Hydrant Hysteria contest wrapped up. The contestants performed two runs each, striving for the best time. The competition was fast and furious with Rick Greenwell coming in First place with a winning time of 39.42 seconds! Second and third place went to Tim Davis and Jon VanDommelen respectively.

Great job to all the contenders! Good luck to Mr. Greenwell the Michigan-Section 2017 Meter Madness Champion!



IN MEMORIAM: JOSEPH TRESICK III



oseph "Backflow Joe" Tresick III passed away on November 15, 2016. Joe was the Assistant Superintendent of the Clinton Township Water & Sewer Department before his retirement in 2013. Joe served many years as Clinton

IN MEMORIAM: CRAIG BURANDT

C raig Burandt, of St. Joseph Michigan, passed away Friday, Jan. 20, 2017, at his home. Craig was born Jan. 27, 1949, in St. Joseph, and graduated from Lakeshore High School in 1967 and from Michigan State University with a bachelor's degree in 1971. Craig was employed as the water and sewer superintendent for Chikaming Township from 1977 until 1995 when he gained employment with St. Joseph Public Works, also as superintendent of sewer and water, retiring in 2011. He was an S1, D1 certified operator, first certified in 1978. Craig continued to work part-time for Townships' Cross Connection Program Inspector and was known as the regions authority on plumbing cross connections. Joe got his start in the municipal water industry working in the meter shop at the Detroit Water & Sewerage Department in 1982.

Chikaming Township until his passing. Craig was a member of the MSU Alumni Association and a co-chair for the MSU Steak & Suds Committee. He was a longtime member of FOP Lodge 96 in St. Joseph



and the Water Department Breakfast Group. In his free time, Craig enjoyed deer hunting, fishing, camping, the UP, gardening, and working on his vintage Mustang.

AN EDITOR'S INTRODUCTION

by Kelly Gleason



Regular readers of the editorship of the magazine transitioned to new hands. This will be the second issue published since the change, and the first in which I step out and say hello. It is with great excitement that I introduce myself as the new editor of *Michigan Water Works News (WWN)*! I am only a part of the editing

team charged with getting the magazine out on time and in order. I'd like to say my previous experience earned me this position, but is more the case that I just happened to ask



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the right person about getting involved at the right time. I hope my name is not unfamiliar as I have been a member of the nationally known Lansing Lethal Ladies Water Tapping Team for last five years, winning three back-to-back national titles – and we are working hard for a 4th this June in Philly!

I began my career in the water industry at the Lansing Board of Water & Light in 2007, when I started as a part-time administrative assistant at the Dye Water Conditioning Plant. I always had a love of science and was pursuing my bachelor's degree in Molecular Biotechnology at the time. When a position opened in the laboratory in 2010, my science career began as a Chemist. Initially, I was responsible for all wet method analysis and today I analyze for trace metals using Inductively Coupled Plasma Spectrometry. To further my water career, I pursued drinking water licensing and achieved F-1 and S-4 Operator licenses. Just last year, I joined the teaching team for the MSU Water Chemistry Short Course to communicate, demonstrate and allow practice of proper laboratory procedures to other water professionals.

It's been a while since I've filled a role as editor, but I've had experience writing copy and editing articles for newspapers and yearbook publications. I know the previous editor left some big shoes to fill, but I am confident the newsletter will continue to grow and adapt to changes presented by new technologies and the impacts of social media.

So, as I slip back behind the scenes as editor, I invite you to let me know what you like or don't like about *WWN*, and what works or what doesn't. I'm new at this, so I'm all ears!

PROFESSIONAL RECOGNITION THROUGH SECTION AWARDS

E ach year, the Michigan Section recognizes exceptional performance in various aspects of the water sector. Read on for a brief description of awards given at the Section's Annual Conference and Exhibits in September. Then visit the Section website at *www.mi-water.org/?page=Awards* to learn how to nominate yourself or a colleague.

Section Awards

- Exemplary Well Head/Source Water Protection Award

 awarded to a community for an exemplary program
 protecting that communities well heads and/or source water.
- Michigan Water Industry Hall of Fame inductees embody unwavering dedication to safeguarding public health and a deep commitment to advancing water knowledge.
- Raymond J. Faust Award awarded to a water professional who exemplifies Raymond Faust's legacy of safeguarding public health.
- Richard Husby Public Awareness Award awarded to a water professional who implemented a public awareness campaign that helps convey the value of water to Michigan communities.

 Young Professional of the Year Award – awarded to a young professional who has helped to increase member engagement and advance the Section's mission to advance water knowledge.

Association Awards

- Operator Meritorious Award awarded to a water operator for special performance in safeguarding public health, maintaining water systems, training colleagues, and other special acts that contribute to outstanding operations and public service.
- George Warren Fuller Award awarded to a water professional for distinguished service to the water sector in commemoration of the sound engineering skill, the brilliant diplomatic talent, and the constructive leadership that characterized the life of George Warren Fuller.

You can see more possible awards on the Association's website at *www.awwa.org/membership/get-involved/awards.aspx*.

OPERATOR'S MERITORIOUS SERVICE AWARD

he Michigan Section, AWWA is soliciting nominations of individuals to be considered for the 2017 Operator's Meritorious Service Award. This award will be presented at the Michigan Section, AWWA Annual Conference this coming September. The purpose of this award is to provide recognition to a section member for special performance in one or more of the following areas:

- 1. Continuous compliance with public health standards in finished water.
- 2. Consistent and outstanding contribution to plant maintenance thereby prolonging the useful life of equipment.
- 3. The development of new and/or modified equipment or significant process modifications to provide for a more efficient or effective treatment.
- 4. Special efforts in the training of treatment operator.

- 5. Special acts not directly related to water treatment but demonstrate dedication to the public beyond the normal operating responsibilities.
- 6. Constant and outstanding contribution to operation and/or maintenance of distribution lines, pump stations and reservoirs.

Deadline for submission of nominations is June 30, 2017.

To obtain a copy of the award nomination form, go to www.mi-water.org/page/OperatorMeritorious Send submissions to: Nathan Vriesman, P.E. Vriesman & Korhorn Civil Engineers 7885 Byron Center Ave SW Ste A, Byron Center, MI 49315 nate@vkcivil.com ▲

STUDENT FELLOWSHIP AWARDED FOR 2017

S ince 2001, the Research & Technical Practices (RTP) Committee has been providing research fellowships for students attending Michigan's accredited colleges and universities. The major objective of this fellowship program is to stimulate the involvement of students and academic institutions in Michigan in conducting research in drinking water related fields relevant to Michigan water community. In 2017, RTP received five applications for the fellowships (\$3,000 each). RTP awarded one fellowship to Minal Jaisinghani (MSU) for the project titled "A Facile Approach to Synthesize Magnetic Iron Nanoparticles for the Removal of Arsenic from Michigan Well Water."

Proposals were very applicable to the challenges many Michigan water utilities are facing: arsenic and lead. The results from the 2017 fellowship will help provide utilities with information and tools to address arsenic treatment.

NEWS & NOTES

AWWA PARTNERS WITH MDEQ ON WATER INFRASTRUCTURE CONFERENCE

DEQ held its Water Infrastructure Conference in early March. The conference drew more than 400 people from across the country, including AWWA CEO David LaFrance (shown to the right), who gave a talk on effective utility management. The Association and Section sponsored the conference and volunteers helped by moderating and fielding questions during the Public Education Workshop.





JOIN YOUR FELLOW MICHIGANDERS FOR **MICHIGAN NIGHT** AT ACE17!

The Michigan Section traditionally hosts a reception the Sunday before ACE to help Michiganders meet up before the conference. This year, Michigan Night will be held at Smokin' Betty's on Sunday, June 11. RSVP online to let us know you're planning to attend. ♦

Special thanks to sponsors of Michigan Night As of March 11, 2017











UPCOMING TRAININGS

April		September	
4/5	Achieving and Maintaining Compliance with SDWA with RCAP at Comfort Inn in Mt. Pleasant	9/6	Cross Connection Seminar – Advanced at Lansing Community College–West in Lansing with MDEQ
4/11	Spring Regional Meeting at Laurel Manor Conference Center in Livonia	9/12 - 9/15	MI-AWWA Annual Conference & Exhibits at Shanty Creek, Bellaire, MI
4/12	Spring Regional Meeting at Western Michigan University Fetzer Center in Kalamazoo	9/20	Cross Connection Seminar – Advanced <i>in Gaylord with MDEQ</i>
		October	
4/18 - 4/19	UP Water Works Institute at Terrace Inn, Gladstone	10/3	Fall Regional Meeting at Laurel Manor Conference Center in Livonia
4/18	Spring Regional Meeting at Comfort Inn & Suites in Mt. Pleasant	10/4	Fall Regional Meeting at Western Michigan University Fetzer Center in Kalamazoo
4/19	Spring Regional Meeting at Otsego Club & Resort in Gaylord	10/10 - 10/12	Distribution System Short Course at Gull Lake Conference Center in Hickory
Мау			Corners with MDEQ
5/9 - 5/11	Short Course in Water Bacteriology at Michigan State University in East Lansing	10/10 - 10/12	Limited Treatment Short Course at Gull Lake Conference Center in Hickory
5/18	Lab Practices Seminar with MWEA at Eagle Eye Banquet Facility in East Lansing		Corners with MDEQ
June		10/18 - 10/20	Basic Math & Hydraulics Short Course at Kettunen Center in Tustin with MDEQ
6/6	Asset Management with EFCN in East Lansing	10/18 - 10/20	Water Treatment Short Course II at Kettunen Center in Tustin with MDEQ
6/8	Water Sector Customer Service in Grand Rapids	10/24	Fall Regional Meeting at Comfort Inn & Suites in Mt. Pleasant
TBD	Small Systems Conference in Ionia	10/25	Fall Regional Meeting at Otsego Club & Resort in Gaylord
August			
8/1	Plankton Short Course in Muskegon	10/24 - 10/25	U.P. Distribution Seminar at Ramada, Marquette

NEWS & NOTES

HELPING STUDENTS ACHIEVE

Figh School Seniors who have at least one parent as a member of AWWA are eligible to apply for the Michigan Section College Freshman Scholarship. As the parent, your membership must be active as of July 2017. Take advantage of this added member benefit and make sure your senior applies.

One AWWA Operator Scholarship is a new scholarship available to an operator working in the water sector. This award can be used for trainings or college classes.

The **Faust Scholarship** is available for college students pursuing a degree in the water sector. This can be a two or four year degree but must be at a Michigan school.

Visit *http://www.mi-water.org/?page=Scholarships* for more information and to download the application for the scholarship of your choice. Application packets are due by July 1.

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