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## WATER WORKS NEWS

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

The deadline for submitting articles for the Summer 2016 issue is May 13, 2016. Material may be submitted to:  
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# SPRING 2016

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Cover photo: The exterior of the Flint Water Plant tower. © Ehrlich | Dreamstime.com



# LET US LEARN FROM THIS CRISIS

BARBARA MARCZAK, P.E.

If any of you reading this saw me give my speech at the Michigan Section Annual Conference last September, which began my year as Chair of the Michigan Section, I ended by saying that people had been asking me all week if I was ready for my year as Chair. I ended my speech in fun by crowning myself "Queen of Water" and yelling out "Yes, I am ready!" The crown has afforded me the opportunity to bring a little fun to our Section

activities and a lot of teasing has been directed back at me. Anyway, as I ended my speech back in September, I really did think I was ready. Little did I know that one of the most serious water crises in modern U.S. history would unfold right here in Michigan. Because Michigan is surrounded by the Great Lakes and the largest supply of fresh water at our borders, we are not used to worrying about water as people in many other parts of the country

and the world are, due to drought, lack of good quality water supplies, and the means to treat and deliver this water to people safely and affordably.

As those of us who work in the water industry have watched the events surrounding the City of Flint water crisis unfold, I am reminded of other crises involving public water systems. The London cholera outbreak in 1854 killed 500 people in ten days. A shallow well on Broad Street was found to have been contaminated by human sewage disposed near the well. London, at the time suffered from lack of sanitation facilities and treatment of human waste. This incident defined the need for adequate isolation and protection of water supplies. In 1993, an outbreak of Cryptosporidiosis made 400,000 people in Milwaukee ill and caused over 50 deaths. At the time, the Cryptosporidium parasite was not something that water treatment plants even looked for. Water suppliers learned that additional filtration and disinfection procedures were needed. An E. coli outbreak in Walkerton, Ontario in May 2000, caused almost half the population of 5,000 to become ill and seven died as a result. The circumstances surrounding this incident defined the need for vigilant monitoring and reporting of test results. As water travels swiftly through water distribution systems, so do outbreaks travel swiftly through the populations that use the water. We learned lessons from each of these incidents that have made our water systems stronger and more reliable. We also learned the importance of working together with public health professionals

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to quickly identify when something has gone wrong.

In an eerily similar situation to the Flint crisis, a change in treatment in the Washington DC water supply in 2002, led to increased corrosion of lead service lines and release of lead into the tap water from them. It was estimated there were over 20,000 lead service lines at the time. Although many of these lead service lines have been replaced at a cost of many millions of dollars, lead and its impact to the population, especially in children exposed at the time, are still being researched and discovered. While there are many other sources of lead that people are exposed to, there is thought to be no safe level of exposure to lead in young children.

With the advent of public drinking water systems, the incidence of waterborne diseases have decreased dramatically and saved countless lives. The fire protection that comes along with these systems has also dramatically reduced loss of life and property damage. And yet all of the incidents noted above remind us of the impact that our public water supply has on our daily lives. While we are fortunate to be able to turn on our faucets and have plentiful, clean, safe drinking water, we must remain vigilant to keep it so and to prevent other disasters from occurring. As discussed in many reports, our infrastructure has aged beyond its useful life. The current crisis in Flint reminds us of this daily.

So let us learn from this crisis. We need to restore confidence in safe drinking water and we need all those working in the profession to help. As you will read in this issue of *Water Works News*, and see in various announcements from the Michigan Section and the Association, we intend to become stronger as an industry by working together, sharing knowledge and offering high quality training for all water industry professionals.

While I was not ready for the events that have taken place this year, with the support of all of the volunteers that we have working in the Section, I believe our profession will emerge stronger than ever. I encourage each of you to become involved, stay vigilant in your work and promote SAFE DRINKING WATER! 💧



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# UNDER PRESSURE

BRIAN STEGLITZ, DIRECTOR

“**T**he Poisoning of an American City”, “Beleaguered Residents Scrounge for Water”, “A Question of Environmental Racism in Flint”... have I got your attention? These are just a sample of the headlines in January 2016 from major news outlets such as Time Magazine, the Wall Street Journal and the New York Times. Our State and our industry are at the forefront of the national media. When, in our history, has the water industry garnered so much media attention? It has even been a topic discussed in the presidential campaigns.

The bad news is that the coverage has been primarily negative and has put our industry on the defensive. The good news is that this provides us an opportunity to take control of the conversation and talk about those issues that are most important to us. The situation in Flint, MI has highlighted several issues that are of critical importance to our industry: reinvestment in infrastructure, affordability, and the protection of public health. AWWA's Buried No Longer Report on infrastructure indicates that the cost to repair and expand drinking water systems will top \$1 trillion over the next 25 years. Means for funding these projects is a challenge for communities and utilities around the nation. The passing and eventual implementation of the Water Infrastructure Finance and Innovation Act (WIFIA) is a small step toward addressing this significant need. Developing sustainable water rates

that support infrastructure needs is paramount. While this seems obvious, the majority of utilities through the country are not funding depreciation of their assets and therefore do not have the financial resources to reinvest in the aging and failing infrastructure. But, how do you raise rates in communities where a significant percentage of the population lives below the poverty level? In concert with developing sustainable rates, utilities must be developing affordability plans for those customers in need. AWWA's publication “Thinking Outside the Bill” provides guidance for utilities on assisting low income water customers.

The third item of critical importance, which really is at the top of the list, is protection of public health. Water utilities around the country produce over 400 billion gallons of treated water each day of exceptional quality. Community water supplies serve approximately 200 million people in the United States and in the last recorded year of data from the Center for Disease Control, there were approximately 400 cases of waterborne illness. This rate is at a record low and sets the standard for the world. Lead poisoning is a serious health issue that deserves attention. While the overwhelming majority of lead poisoning comes from lead paint and dust, primarily in residential homes, lead in water surely should be part of the conversation. These are the challenges that we face

as professionals in the water profession. It is our role to steer the conversation. I encourage you, as leaders, to spread these messages, for the benefit of our future.

The situation in Flint is tragic. Without exception, people across the State and Country support Flint in their quest for safe drinking water. AWWA has tried to be at the forefront of the support for Flint by funneling members interested in providing aid to the well-organized relief efforts put in place. The Michigan Section of AWWA has hosted a Water Utility Summit in January, which was attended by 48 people representing 21 utilities from around the State to talk about media challenges, technical challenges, and sampling procedures, and to receive an update of the revision of the Lead and Copper Rule by AWWA's regulatory expert Steve Via from Washington, DC. The Michigan Section plans on hosting additional events in the Spring/Summer of 2016 in response to members' requests on how to develop a lead service line replacement program and alternatives for funding and implementing such a program. The situation in Flint is dynamic, with new issues arising almost daily. The focus of AWWA has been, and will continue to be, helping to pave the way for a sustainable, reliable, and quality-focused future for the water industry. We will get through this crisis, as we have others, and the water industry will be the better for it. 💧





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# COLLABORATING TO SIGNIFICANTLY IMPROVE

BONNIFER BALLARD, EXECUTIVE DIRECTOR

I have come to love the water industry. I feel privileged to be a part of this community. Part of my learning about the industry was the role that water professionals play in safeguarding public health. (If you haven't watched the video on the history of AWWA, I highly recommend it - very inspirational. <http://www.awwa.org/about-us/history.aspx>) So for months, I have watched the situation in Flint unfold with a sense of surreal disbelief. I would bet that most of you know that our industry will never be quite the same.

Rest assured, the Section and the Association have been busy on your behalf. You'll read from the Director and Chair about some of the actions

AWWA has taken. Our focus has been and will remain laser focused on advancing water knowledge to help water professionals protect public health. There are a number of trainings being offered throughout 2016 to help enhance all of our understanding of corrosion control and the rules around lead and copper. But another function of AWWA, one of the more remarkable aspects I think, is the power of collaboration.

Being a part of AWWA provides water professionals access to a vast about of resources including publications, standards, trainings, and research. What I find most compelling though is the coming

together of water professionals to learn from each other, to share their experiences, and to collaborate to create an environment most conducive to providing clean, safe drinking water.

In January and again in March, the Section held Water Summits revolving around the LCR and lead line replacement. These were half-day forums that used proven best practices in adult learning: providing some delivery of content with facilitated discussions to help participants learn from each other. (These Summits were in direct response to the lead in drinking water issue, and resulted in the Workshop scheduled for May 6.) We're still working out the kinks, but it was inspiring to hear the discussions onsite and to read the feedback from these sessions. You will definitely be seeing more Water Summits in the future.

These are turbulent times. As communities across the country grapple with how best to address infrastructure needs, customer concerns, and a lack of confidence in their water supply, we as water professionals come together to support one another through lively discussion, pointed challenging, and collaborative sharing. This collaboration through our existing and growing professional networks is what leads to significant improvement. 💧



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# MEMBER RECRUITMENT & ENGAGEMENT

By Tina Pawlak, Vice-Chair, Member Recruitment & Engagement Council

Our group was invited to give a presentation in Berrien Springs to the Berrien Regional Education Service Agency (RESA)'s joint meeting of its Career Technical Education Directors and Counselor Academy on October 22, 2015. Shane Peters, Superintendent of Bridgman Public Schools worked with the task force (consisting of myself and Gary Wozniak, MDEQ Kalamazoo District Engineer) during the summer to develop a PowerPoint presentation on careers as an operator at a water/ wastewater plant. Gary volunteered to give the

presentation to the group, emphasizing that a four year college degree is not required for the job. He pointed out that it is the type of job that appeals to students who like to work with their hands and not be tied to a desk. Many of these jobs are municipal, offering long-term employment with good benefits. Also available to counselors was a handout detailing the wide variety of careers in the water industry, from pipe fitters to hydrologists! This group seemed to be an ideal target audience so the task force will attempt to set

up a presentation to a similar group in another area of the state. Gary has graciously made his presentation available to anyone in our organization who would like to modify it to present to another group (anyone interested can email me at [tpawlak@hollandbpw.com](mailto:tpawlak@hollandbpw.com) and I will send you a copy of the presentation). Many students don't realize the variety of careers available in the water environment industry and our task force hopes to increase such awareness in both high school and college students. 💧

## MICHIGAN SECTION AWWA NEEDS YOU!

*Nominations Solicited for the Michigan Section Board of Trustees*

The Nominating Committee is seeking candidates for terms beginning in September 2016 (in conjunction with the Annual Conference) for the following positions:

- Trustees – two each for three-year terms
  - Trustees – one for one-year term
  - Secretary Treasurer – three-year term
- 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; committee members are Mark Coleman (chair), Brian Steglitz, John Willemin, three trustees, and two at-large members to be named by the Board.

Nominations are due by May 1, 2016, and should be submitted to:

Mark Coleman  
Nominating Committee Chair, MI-AWWA  
c/o Wade Trim Associates Inc.  
500 Griswold St Ste 2500  
Detroit, MI 48226  
E-mail: [mcoleman@wadetrim.com](mailto:mcoleman@wadetrim.com)  
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Those who have submitted nominations in previous years are reminded to please reconfirm their interest for the coming year. 💧

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# GOVERNMENT AFFAIRS COUNCIL UPDATE

*Need for volunteers has never been greater*

By Molly Maciejewski, Chair, Government Affairs Council

A flurry of proposed legislation, the Flint water crisis and annual planning and budgeting has kept the Government Affairs Council busy these last few months! To help achieve our mission, we have put together a summary spreadsheet of proposed legislation. This is merely an overview of relevant proposed legislation; although there is a column titled “primary impact”, the document is not meant to be a detailed analysis of individual bills or a position paper. We’ll update this as needed as a way to keep our members informed, and will develop position papers on issues if they gain traction. You can find the document at

<http://www.mi-water.org/?page=LegReg>.

Another goal of the Council is advocacy at the state and federal level. We’ll send delegates to Washington in April to participate in AWWA’s National legislative “Fly-In”, where individual meetings are held with members of Congress to discuss draft legislation and challenges and opportunities facing drinking water systems.

Our goal in the coming year is to solidify a list of members who are willing to assist in making legislative visits at the local level and to our position on legislative issues facing the drinking water industry. At no time in recent history has our need

for volunteers been greater. Currently there are many drinking water issues that either have proposed legislation or where legislative action is anticipated in the very near future, and we need to be prepared to speak with our legislators about these issues.

Please consider helping by volunteering to meet with your state representative or state senator. Training and talking points will be provided so little advance preparation is needed. If you are interested in helping out, please contact Bob Veneklasen [veneklasenr@wyomingmi.gov](mailto:veneklasenr@wyomingmi.gov) or Molly Maciejewski [mmaciejewski@a2gov.org](mailto:mmaciejewski@a2gov.org)

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# REVENUE STRUCTURE IN ASSET MANAGEMENT

By Asset and Infrastructure Management Committee member, Tom Traciak, Umbaugh Associates

The Asset and Infrastructure Management (AIM) Committee, a joint committee of MI-AWWA and the Michigan Water Environment Association (MWEA), has as one of its goals to provide information and training related to the development

of Asset Management programs. In accordance with MDEQ guidance documents, asset management is comprised of five core components:

- 1) Asset inventory
- 2) Level of service
- 3) Critical assets

- 4) Revenue structure
- 5) Capital improvement project plan

In this series of articles we have been discussing the various stages of asset management. In many cases a substantial amount of effort will be invested in areas such as asset inventory, infrastructure evaluation, and project criticality. After this information is fully developed, the intention is to produce an Asset Management Financial Plan. In the long term, this financial plan will be used to set rate and fund management policy. In the short term, it will be used to fulfill certain requirements of the SAW grant program including funding the "gap" in rates by identifying the potential shortfall in revenue support for asset investment.

Rate and fund management over a forecasted period of time is the objective of the Financial Plan. The Asset Management data developed by the community's staff and consulting engineers must be transformed into a strategic business plan designed to sustain the utility in the most efficient and cost effective manner. One of the primary results of the engineering review and compilation for the Asset Management System will be identifying the estimated asset investment cost by year. This becomes the key element of the Financial Plan. Other information needed to develop a Financial Plan includes financial reports, customer data, current rate structure, and fund balances.

Historical operating expenses are reviewed using audit and budget information. A "Test Year" is developed that reflects a baseline operating cost. The customer base must be reviewed, including the number of billable customers and volumetric sales. The accuracy of this data is verified by applying it to the current rate structure and compared to "Test Year" revenue. In addition, there are other

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various revenues, which will be taken into consideration.

Assumptions must be made regarding the customer base through the forecasted period. The operating cost must be projected, in part based on anticipated inflation by expense category. Existing annual debt service by debt issue is input. Finally, the annual asset investment cost identified by the Asset Management System is added to the forecast. The annual asset investment cost will need to be evaluated and scenarios developed for cash funding and debt financing. Funding asset investment from cash balances must be weighed against potential efficiency of grouping certain cost together for purposes of financing. A critical aspect of planning is solving, not just to user rates, but to a targeted cash and investment balance.

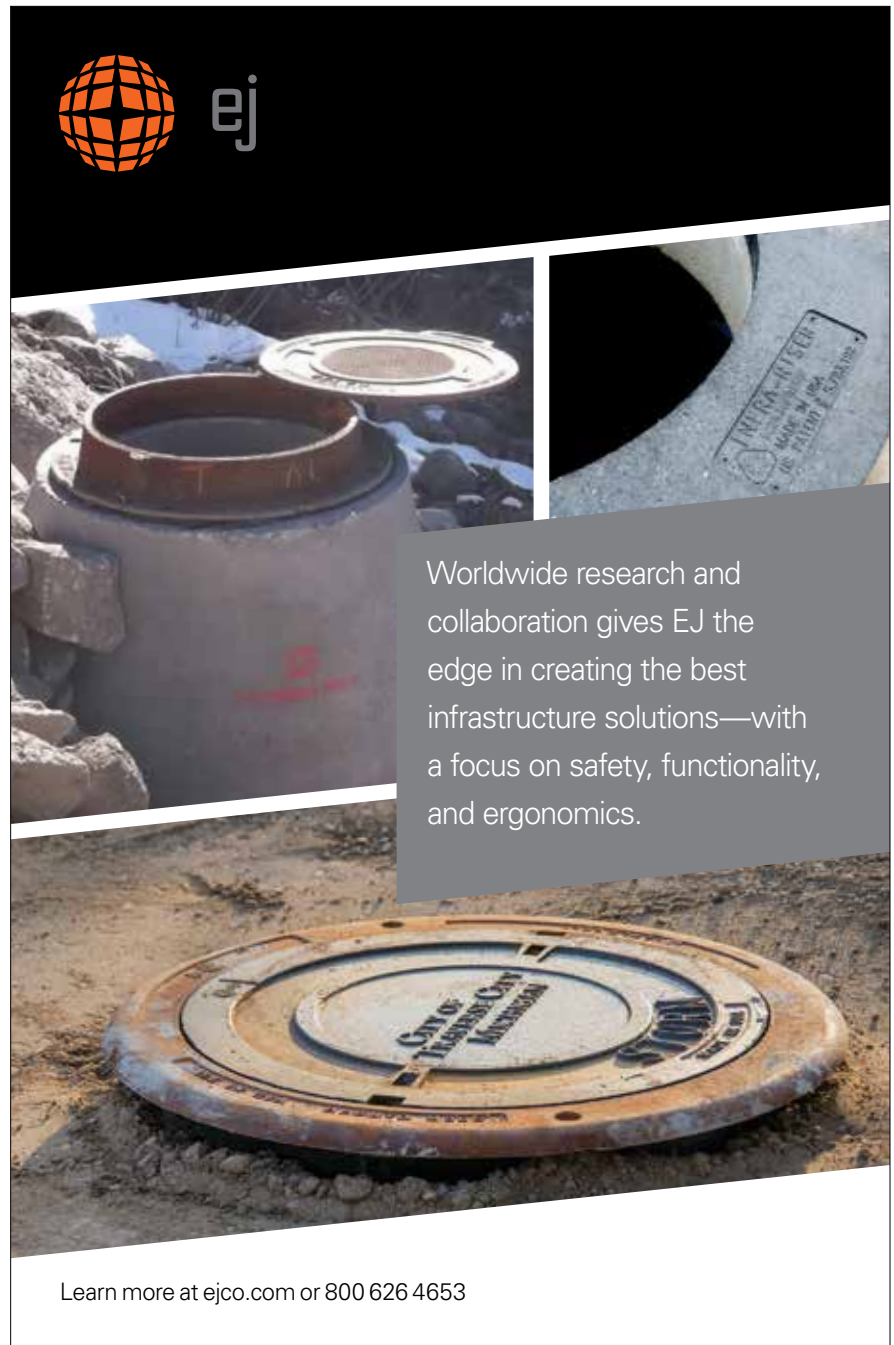
Successful rate management can be accomplished with more than one approach as to rate structuring and rate adjustment timing. The elements of a rate structure, including the proportion of revenue generated from ready to serve and commodity charge may be determined by allocation of fixed and variable cost, and other customer base characteristics. It will be necessary to develop scenarios that meet policy goals as well financial objectives.

For many communities, this final process of forecasting will mean multiple meetings with policy makers due to decision making as to the timing, degree, and type of funding over a lengthy forecasted period. Unlike capital improvement plans that usually project 5 years, the Asset Management Financial Plan may be as much as 20 or 30 years or more. This forecasting is not intended to give definitive rates for that entire period, but rather it provides the basis for policy making in relation to user rate, utility fund, debt issuance, and cash balance management in addressing asset investment.

The AIM Committee goal is to build

upon the guidance of the MDEQ with their Asset Management Guidance for Water and Wastewater Systems, which can be found on their website at: [http://www.michigan.gov/deq/0,4561,7-135-3307\\_3515\\_4143-10784--,00.html](http://www.michigan.gov/deq/0,4561,7-135-3307_3515_4143-10784--,00.html).

If you are interested in joining the AIM Committee, please contact Sally Duffy at [sduffy@hrc-engr.com](mailto:sduffy@hrc-engr.com), Jennifer Drinan at [jennifer.drinan@ohm-advisors.com](mailto:jennifer.drinan@ohm-advisors.com), or Deann Falkowski at [defalkowski@ftch.com](mailto:defalkowski@ftch.com). 



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**Burtchville Twp. D.P.W.-Water**

member since 1997  
Burtchville, MI  
810-385-5577

**James Frederick Burton**

member since 2014  
Macomb, MI

**Lori Burton**

*Republic Township Water Department*  
member since 1992  
Republic, MI  
906-376-8827

**Noel D. Bush**

*Midland Water Department*  
member since 1992  
Midland, MI  
989-837-3343

**Stephen Busch**

member since 2013  
DeWitt, MI  
517-643-2314

**Jim Byrd**

*City of Wixom*  
member since 2015  
Wixom, MI

**Richard J. Bysko**

*Genesee County Water & Waste*  
member since 2000  
Flint, MI  
810-600-4102

**C****Cadillac Utilities Department**

member since 1970  
Cadillac, MI  
231-775-0181

**Lyle Caillouette**

*BASF*  
member since 2015  
Wyandotte, MI  
734-324-6449

**Jody Caldwell**

*Oakland County Water Resources Commissioner*  
member since 2007  
Waterford, MI

**Matthew Calkins**

*City of Monroe Water Filtration Plant*  
member since 2012  
Monroe, MI

**Robert E. Calley**

*Village of Milford*  
member since 2007  
Milford, MI  
248-684-1515

**Scott A. Cambensy**

*City of Marquette*  
member since 2006  
Marquette, MI  
906-225-8977

**Dan Campbell**  
*Allegan County Facilities Management*  
member since 1998  
Allegan, MI  
269-686-4612

**Ellen R. Campbell**  
*Nitrate Elimination Co., Inc.*  
member since 1995  
Lake Linden, MI  
906-296-1000

**Eric J. Campbell**  
member since 1995  
Mackinaw City, MI

**Hugo Cardenas**  
*Waterford Department of Public Works*  
member since 2011  
Waterford, MI  
248-618-7456

**Brian K. Cardinal**  
*Cadillac Utilities Dept.*  
member since 1988  
Cadillac, MI  
231-775-7671

**Matthew J. Carey**  
*Culligan Water Conditioning*  
member since 1991  
Lansing, MI  
517-393-1900

**Gerald H. Caron**  
member since 1981  
Holland, MI

**Mike Carr**  
*Therma-Stor, LLC*  
member since 2001  
Madison, WI

**Ronald E. Carr**  
*City of Grandville*  
member since 1991  
Grandville, MI  
616-538-1990

**James M. Carroll**  
*East Lansing Meridian Water Auth.*  
member since 1991  
East Lansing, MI  
517-337-7535

**Carrollton Township**  
member since 2000  
Saginaw, MI

**Scott Carruthers**  
*City of Troy, Mich.*  
member since 2014  
Troy, MI

**David Carson**  
*Village of Boyne Falls*  
member since 1988  
Boyne Falls, MI  
231-675-7430

**Randy Allen Carter**  
*Sparta Water Department*  
member since 1996  
Sparta, MI  
616-887-0854

**Warren A. Carter**  
*Energenics*  
member since 1987  
Cedarburg, WI  
262-377-6360

**Thomas A. Casari**  
*Northville Township Dept. of Public Services*  
member since 1993  
Northville, MI  
734-394-5153

**Andrew C. Case**  
member since 1997  
Saint Clair Shores, MI

**City of Caseville**  
member since 1989  
Caseville, MI  
989-856-4407

**James Cassel**  
*EJ*  
member since 2015  
East Jordan, MI  
248-240-0515

**Jeff Castro**  
*Ypsilanti Community Utilities Authority*  
member since 2006  
Ypsilanti, MI  
734-484-4649

**Wayne Caverly**  
*City of Rose City*  
member since 2016  
Rose City, MI  
989-942-6261

**Tony Cecchini**  
member since 2015  
Ann Arbor, MI  
908-801-0383

**City of Cedar Springs**  
member since 2013  
Cedar Springs, MI

**Nolan Chapman**  
*City of Portland*  
member since 2008  
Portland, MI

**Alando V. Chappell**  
*Lansing Board Water & Light*  
member since 2013  
Lansing, MI  
517-242-6797

**Joseph Charles II**  
*City of Monroe*  
member since 1997  
Newport, MI  
734-755-6442

**City of Charlotte**  
member since 1965  
Charlotte, MI  
517-543-8858

**Siyng Chen**  
*Masco Corp.*  
member since 2014  
Taylor, MI  
313-792-4359

**Michael Chesher**  
member since 1981  
Grandville, MI  
616-456-4096

**Chesterfield Township Water**  
member since 1966  
Chesterfield, MI  
586-949-0400

**James Cheyne**  
*City of Novi*  
member since 2003  
Novi, MI  
248-735-5640

**Victor H. Chichester**  
member since 1981  
Midland, MI

**Chikaming Township Water Dept.**  
member since 1978  
Harbert, MI  
269-469-1676

**Alex Chimpouras**  
*MHOG Water Treatment Plant*  
member since 2002  
Howell, MI  
517-545-5098

**Glenn M. Chinavare**  
*City of Owosso Water Department*  
member since 1997  
Owosso, MI

**Thomas Chinchak**  
member since 2004  
Dearborn, MI  
313-943-2395

**Kevin Christian**  
*McWane Ductile*  
member since 2015  
Dexter, MI

**Laura Ann Chuhran**  
member since 2000  
Jackson, MI  
517-769-3694

**Bradley B. Cittel**  
*Bridgeport Charter Township*  
member since 1991  
Bridgeport, MI  
989-777-0940

**City of Clare Water & Wastewater**  
member since 1996  
Clare, MI  
989-386-2321

**Bruce Clark**  
*Addison Water Department*  
member since 1980  
Addison, MI  
517-517-4650

**Dale R. Clark**  
*City of Clare Water & Wastewater*  
member since 2014  
Clare, MI  
989-386-2321

**Ken Clark**  
*ClarkTech, Inc.*  
member since 2005  
Fenton, MI  
810-632-9280

**Patsy S. Clark**  
*Patsy S. Clark & Associates*  
member since 1987  
Grand Rapids, MI  
616-954-3825

**City of Clawson**  
member since 2013  
Clawson, MI  
248-288-3222

**James K. Cleland**  
*Michigan Dept. of Environ. Qual.*  
member since 1969  
East Lansing, MI  
517-241-1287

**Timothy J. Clement**  
*Plainfield Township Water Plant*  
member since 1999  
Grand Rapids, MI  
616-364-7174

**Gail Clow**  
*Hillsdale Bd. of Public Utils.*  
member since 2014  
Hillsdale, MI

**Donald M. Coddington**  
*Chesterfield Township Water*  
member since 2012  
Chesterfield, MI  
586-949-0400

**Coldwater Board of Public Utilities**  
member since 1971  
Coldwater, MI  
517-279-9531

**Stephen J Cole**  
*Great Lakes Commission*  
member since 2015  
Ann Arbor, MI

**Mark M. Coleman**  
*Wade Trim Associates Inc*  
member since 1981  
Detroit, MI  
313-961-3650

**Martin C. Collins**  
*Village of Beverly Hills*  
member since 1996  
Beverly Hills, MI  
248-644-6404

**Michael Collins**  
*United Water - City of Alpena WTP*  
member since 2009  
Alpena, MI  
989-356-0757

**Kevin Collins**  
member since 2015

**City of Coloma**  
member since 1977  
Coloma, MI  
269-468-6606

**Michael E. Comstock**  
*Kochville Township*  
member since 2014  
Saginaw, MI

**Salvatore Conigliaro**  
*City of Sterling Heights*  
member since 2009  
Sterling Heights, MI  
586-446-2441

**Karen Converse**  
*DWSD*  
member since 2008  
Taylor, MI

**Colleen Coogan**  
*City of Walled Lake*  
member since 2015  
Walled Lake, MI  
248-624-4847

**Christopher James Cook**  
*Abonmarche Consultants, Incorporated*  
member since 1995  
Benton Harbor, MI  
269-927-2295

**Patrick Cook**  
*Michigan DEQ*  
member since 1988  
Lansing, MI  
517-284-6514

**Ray Cook**  
*Silversmith Inc.*  
member since 2015  
Gaylord, MI

**Rob Cook**  
*Lime and Gypsum Products, Inc.*  
member since 2014  
Vermontville, MI  
517-726-1492

**William J. Cook**  
*Zeeland BPW*  
member since 2011  
Zeeland, MI  
616-772-6212

**Alisha Cooley**  
*Fluid Equipment Development Company (FEDCO)*  
member since 2015  
Monroe, MI  
734-241-3935

**Roger Cooley**  
*Wade-Trim*  
member since 2004  
Taylor, MI  
734-947-9700

**Brad M. Cooper**  
*City of Petoskey*  
member since 2007  
Petoskey, MI  
231-348-0368

**Victor I. Cooperwasser**  
*Tetra Tech*  
member since 1992  
Ann Arbor, MI  
734-320-1878

**Aaron Coppersmith**  
*Holland Charter Township*  
member since 2007  
Holland, MI  
616-396-1891

**William Corsaut**  
*O. O. Corsaut Inc.*  
member since 2001  
Oak Park, MI  
248-541-1117

**Jason Coslow**  
*Theroux Dev. Co.*  
member since 2008  
Holt, MI  
517-694-0414

**Mindy Costello**  
*NSF International*  
member since 2001  
Ann Arbor, MI  
734-769-0109

**Harland D. Couillard**  
*U.P. Concrete Pipe Company*  
member since 1990  
Escanaba, MI  
906-786-0934

**Brian K. Cowham**  
*City of Battle Creek*  
member since 2002  
Battle Creek, MI  
269-966-3493

**Barry Cox**  
*City of Sturgis*  
member since 2004  
Sturgis, MI  
269-659-7249

**Carrie Cox**  
member since 2006  
Auburn Hills, MI  
248-858-0678

**Robert Cox**  
*City of Auburn Hills*  
member since 2010  
Auburn Hills, MI  
248-391-3777

**Senna Cox**  
*City of Troy*  
member since 2016  
Troy, MI

**Susan Elaine Craft**  
member since 1997  
Lyons, MI  
989-855-2513



**Loren D. Crandell**

*Giffels-Webster Engineers*  
member since 1998  
Birmingham, MI  
248-852-3100

**Jennifer Crooks**

*U.S. EPA Region 5*  
member since 2011  
Chicago, IL  
312-886-0244

**Emily Marie Crossette**

member since 2015  
Ann Arbor, MI  
215-218-8567

**Croswell Water Dept.**

member since 2014  
Croswell, MI  
810-679-2120

**Michael F. Crowley**

*Michigan Pipe & Valve - Traverse*  
member since 2006  
Traverse City, MI  
231-533-9072

**John Crumb**

member since 2000  
Wyoming, MI  
616-355-1647

**Keenan Crump**

*Ypsilanti Community Utilities Authority*  
member since 2006  
Ypsilanti, MI

**Jerry Culman**

*Leelanau County*  
member since 2007  
Suttons Bay, MI  
231-256-8160

**David Cunningham**

*City of Ionia-Dpw*  
member since 2012  
Ionia, MI  
616-527-5786

**Loyd A. Cureton**

member since 1993  
New Hudson, MI

**Douglas L. Curtis**

*Silversmith Inc.*  
member since 2014  
Gaylord, MI  
877-732-8988

**Charles Cushman**

*Otsego Township*  
member since 2015  
Otsego, MI  
269-694-9434

**Mike Cutler**

*Crystal Mountain*  
member since 2004  
Thompsonville, MI  
231-378-2000

**David W. Cyrus**

*Holland Board of Public Works*  
member since 2008  
Holland, MI  
616-355-1646

**Daniel Czarnecki**

*City of Fenton*  
member since 2011  
Fenton, MI  
810-629-2261

**D****Robert Daddow**

*Oakland County*  
member since 2016  
Waterford Township, MI

**Mark Daniel Daenzer**

*City of Frankenmuth*  
member since 1996  
Frankenmuth, MI  
989-652-8987

**Glen Daigger**

*One Water Solutions*  
member since 1980  
Ann Arbor, MI  
303-478-0777

**James Daily**

*American Flow Control*  
member since 2009  
Fishers, IN  
317-345-8450

**Dake Couplings**

member since 1996  
Grand Haven, MI  
800-866-4423

**Robert L. Dalzell**

*Northport Point Cottage Owners Assn.*  
member since 1982  
Northport, MI  
231-386-7277

**Mark Daneff**

*Romac Industries*  
member since 2000  
East Jordan, MI  
734-516-2860

**Terry Daniel**

*Detroit Water & Sewerage Department*  
member since 2010  
Detroit, MI  
313-522-6349

**Brian Dara**

*Detroit Water and Sewerage Department*  
member since 2015  
Detroit, MI  
313-926-8125

**Michael Darga**

*Hubbell Roth & Clark*  
member since 2002  
Howell, MI  
248-454-6532

**Aaron Davenport**

member since 2005  
Battle Creek, MI  
269-353-9650

**Timothy G. Davidek**

*Genesee County Water & Waste Services*  
member since 2001  
Flint, MI  
810-732-7870

**Steve Davidson**

*Village of Shepherd*  
member since 1997  
Shepherd, MI  
989-828-5062

**James H. Davies**

*Jim Davies Sales*  
member since 1977  
Grand Rapids, MI  
616-942-5408

**Jamie T. Davies**

*City of Rockford*  
member since 2011  
Rockford, MI  
616-866-1537

**Corey M. Davis**

*City of Chelsea*  
member since 2005  
Chelsea, MI  
517-803-7763

**Mackenzie L. Davis**

member since 2000  
Okemos, MI  
517-353-6487

**Marie A. Davis**

member since 1993  
Midland, MI  
989-839-0723

**Timothy P. Davis**

member since 2015  
Southfield, MI  
313-471-1955

**City of Davison**

member since 2013  
Davison, MI  
810-653-2191

**Mark De Haan**

member since 2016  
Grand Rapids, MI

**Matt Dearborn**

*American Cast Iron Pipe*  
member since 2007  
Brighton, MI  
708-947-7680

**Michael B. Dearing**

*Charter Township of Union*  
member since 2003  
Mount Pleasant, MI  
989-775-5574

**John DeBoyer**

*Clay Township Water Department*  
member since 2004  
Clay, MI  
810-794-3475

**Scott L. Decker**

*Village of Nashville*  
member since 2000  
Nashville, MI  
517-852-1644

**William Dedoe**

*Clyde Township*  
member since 1993  
Clyde, MI  
810-985-7258

**Donald J. DeGrand**

*Mead & Hunt*  
member since 1985  
Marquette, MI  
906-629-1364

**John A. DeKam**

member since 1974  
Saginaw, MI  
989-415-9688

**Matt Delaney**

*United Water*  
member since 2013  
Hartland, MI  
Thomas J. DeLaura

**Delaura Consulting**

member since 1988  
Detroit, MI

**David J. Delia**

member since 2015  
Southfield, MI

**Kristen Dell**

member since 2016  
Dimondale, MI

**Delta Charter Township**

member since 1973  
Lansing, MI  
517-323-8540

**Susan Deming**

*MI Dept. of Comm. Hlth.-Oral Health*  
member since 2009  
Lansing, MI  
517-373-3624

**Robert Demyanovich**

member since 2006  
Brighton, MI  
517-546-0040

**Donna Denise**

*Village of Romeo*  
member since 2014  
Romeo, MI  
586-752-2684

**Catherine Derocher**

*White Lake Township Water Department*  
member since 1978  
White Lake, MI  
248-698-3300

**Derek Desgranges**

*Village of Sunfield*  
member since 2014  
Sunfield, MI  
517-566-8407

**Duane Desjardins**

*NYS (DMNA) Camp Smith*  
member since 2012  
Wetmore, MI  
914-788-7306

**Donald L. Detemple**

*Infrastructure Alternatives*  
member since 1995  
Menominee, MI  
906-863-6744

**Detroit Water & Sewerage Department**

member since 1968  
Detroit, MI  
313-224-4701

**David Devlaminck**

*Tetra Tech (Marine City MI)*  
member since 2014  
China, MI  
586-255-8212

**David Devos**

member since 2009  
Caledonia, MI  
616-706-8736

**Donald J. DeVries**

*Fleis & Vandenbrink Engineering*  
member since 1988  
Muskegon, MI  
231-726-1000

**Ross Devries**

*Holland Board of Public Works*  
member since 2010  
Holland, MI  
616-399-9410

**Scott A. DeVries**

*City of Williamston*  
member since 1997  
Williamston, MI

**Richard F. Deyarmond**

*United Water*  
member since 2005  
Gladwin, MI

**Adam Deyoung**

*Moore & Bruggink Inc*  
member since 2015  
Grand Rapids, MI  
616-363-9801

**Rory Dickey**

*City of St. Joseph*  
member since 2012  
Benton Harbor, MI  
269-983-1240

**Derek Diederich**

*Waterford Township Water & Sewer*  
member since 1998  
Waterford, MI  
248-618-7465

**David Diem**

*City of Essexville*  
member since 2014  
Essexville, MI  
989-893-7192

**Jeffrey Michael Dietlin**

*Cadillac Utilities Department*  
member since 1997  
Cadillac, MI  
231-775-0181

**Darren R. Dimma**

*Veolia North America*  
member since 2001  
Lansing, MI

**Bob Dion**

*City of Bay City*  
member since 2014  
Bay City, MI  
989-894-8320

**Michael Dittmar**

*City of Westland*  
member since 2013  
Westland, MI  
734-467-3245

**William J. Dixon**

*Dixon Engineering, Inc.*  
member since 1980  
Lake Odessa, MI

**Dixon Engineering, Inc.**

member since 1987  
Lake Odessa, MI  
616-374-3221

**Steven P. Dlubala**

*Michigan American Water*  
member since 1991  
Calumet, MI  
906-337-3502

**Jonathon Dmitruk**

*City of Wyoming Utilities Department*  
member since 2012  
Holland, MI  
616-399-7844

**David W. Dmytryka**

*Dmytryka Jacobs Engineers*  
member since 1995  
Toledo, OH  
419-380-4900

**Leo E. Doan**

member since 1997  
Fenton, MI  
810-629-8757

**John Dobson**

*Mount Clemens Utility Dept.*  
member since 2002  
Mount Clemens, MI

**Dean Dodgson**

member since 2010  
Grand Rapids, MI  
216-262-7775

**Wayne A. Domine**

*Bloomfield Township*  
member since 1992  
Bloomfield Hills, MI  
248-594-2800

**William D. Dooley**

*City of Wyoming*  
member since 1986  
Holland, MI  
616-399-6511

**Chad Doornbos**

member since 1999  
Allendale, MI  
616-895-6078

**Omer L. Doran**

*Germfask Water Department*  
member since 1996  
Germfask, MI  
906-586-9697

**Jon H. Dowling**

*City of Jackson*  
member since 2001  
Jackson, MI  
517-788-4160

**John Dowson**

*Highland Treatment, Inc.*  
member since 2000  
Highland, MI  
248-889-1922

**Terry T. Drenth**

*Village of Ellsworth*  
member since 1988  
Ellsworth, MI  
231-588-6071

**Michael T. Dreywor**

member since 1990  
Houghton, MI  
906-370-2984

**Jennifer Drinan**

*Greeley and Hansen*  
member since 2014  
Detroit, MI

**Kris Driver**

*East Lansing-Michigan  
Water Authority*  
member since 2009  
East Lansing, MI  
517-337-7535

**Steve Drotosz**

*City of Rochester*  
member since 2014  
Rochester, MI

**Patrick M. Droze**

*Orchard, Hiltz & McCliment*  
member since 2013  
Livonia, MI  
734-522-6711

**Stephen Dubay**

*City of Hazel Park*  
member since 2006  
Hazel Park, MI  
248-542-0340

**Christopher A. DuBerg**

*City of Hazel Park*  
member since 2006  
Hazel Park, MI  
248-542-0340

**Kenny Dudzic**

*Huron Township*  
member since 2007  
New Boston, MI  
734-216-6890

**Sally Duffy**

*Hubbell, Roth & Clark, Inc*  
member since 2014  
Bloomfield Hills, MI  
248-454-6583

**Clyde R. Dugan**

*East Lansing-Meridian Water  
and Sewer Authority*  
member since 1985  
East Lansing, MI  
517-337-7535

**Clifford A. Dunec**

member since 1977  
Standish, MI  
989-846-9360

**Jeffrey A. Dunlap**

*City of Niles Utilities Dept.*  
member since 2014  
Niles, MI  
269-683-4700

**Bruce Dunn**

*City of Harrisville*  
member since 1996  
Harrisville, MI  
989-724-6666

**Jeffrey Duprey**

*Village of Grosse Pointe Shores*  
member since 2002  
Madison Heights, MI  
313-886-0020

**Kevin Dupuis**

*Ypsilanti Community Utilities  
Authority*  
member since 2012  
Ypsilanti, MI

**James Dusenbury**

*US Army TARDEC*  
member since 2016  
Warren, MI

**E**

**Terry Eagle**

*Springlake Condominium*  
member since 2005  
Petoskey, MI  
231-348-2920

**Douglas Earles**

*North Star Water Management, LLC*  
member since 2014  
Farmington, MI  
248-563-2737

**Zachary Earp**

*Oakland County Water Resources  
Commissioners Office*  
member since 2015  
Waterford, MI

**East China Water  
Filtration Plant**

member since 1997  
East China, MI

**City of E. Grand Rapids Utility**

member since 1995  
East Grand Rapids, MI  
616-940-4870

**City of E. Jordan**

member since 1993  
East Jordan, MI  
231-536-3381

**Ej**

member since 1958  
East Jordan, MI  
800-626-4653

**East Lansing-Meridian Water  
and Sewer Authority**

member since 2013  
East Lansing, MI  
517-337-7535

**Molly Eastman**

*Grand Rapids Water Department*  
member since 2016  
Grand Rapids, MI

**City of Eaton Rapids**

member since 1973  
Eaton Rapids, MI

**Steve Eberle**

*City of Adrian Utilities-Water Dept.*  
member since 2004  
Adrian, MI  
517-264-4859

**Donald G. Echlin**

*Inside Trim*  
member since 2015  
Mount Morris, MI  
810-931-6157

**Tony Edlebeck**

*City of Kingsford*  
member since 2011  
Kingsford, MI  
906-774-3526

**Richard J. Edwards**

member since 2002  
Portage, MI  
269-544-0194

**David Eilers**

*Huron Medical Center*  
member since 2003  
Bad Axe, MI  
989-803-7124

**Keith Eisen**

*City of St. Clair*  
member since 2007  
Saint Clair, MI  
810-329-5276

**Christopher Elenbaas**

*City of Ann Arbor*  
member since 2009  
Ann Arbor, MI

**Ron Elenbaas**

*City of Wyoming Utilities  
Department*  
member since 2011  
Holland, MI  
616-399-7841

**Ramzi El-Gharib**

*Wayne Engineering Department*  
member since 1995  
Wayne, MI  
734-728-1770

**Benoy Elias**

*DWSD*  
member since 1998  
Washington, MI  
586-786-9388

**Cathy Elliott**

*Village of Fowlerville*  
member since 2016  
Fowlerville, MI  
517-223-3771

**Patrick Elliott**

*City of Charlevoix*  
member since 2013  
Charlevoix, MI  
213-547-3276

**Sherrie Elliott**

member since 2006  
Petoskey, MI  
231-348-0368

**Dave Elston**

*City of Monroe*  
member since 2014  
Monroe, MI  
734-241-6074

**Terry L. Engelhardt**

*Village of Birch Run*  
member since 2002  
Birch Run, MI  
989-624-5711

**Tom Engelsma**

*City of Wyoming*  
member since 2004  
Wyoming, MI  
616-261-3568

**Joseph W. Erickson**

*Village of Ontonagon*  
member since 2012  
Ontonagon, MI  
906-884-2305

**Myron Erickson**

*City of Wyoming*  
member since 2006  
Wyoming, MI  
616-261-3562

**Ted L. Erickson**

*Process Results*  
member since 1993  
Saline, MI  
734-657-4925

**Michael P. Ermler**

member since 2000  
Harper Woods, MI

**Escanaba Municipal  
Water Dept.**

member since 1943  
Escanaba, MI  
906-786-3291

**David L. Esch**

*Barton Hills Village*  
member since 1990  
Ann Arbor, MI  
734-222-5209

**Matthew Esper**

*United Water*  
member since 2006  
Hartland, MI  
734-777-1209

**Charles J. Eudy**

*City of Farmington Water  
Department*  
member since 2011  
Farmington, MI  
248-473-7250

**Ruth Ann Evans**

*Bridgeport Water Supply System*  
member since 2015  
Bridgeport, MI

**City of Evart**

member since 1992  
Evart, MI  
231-734-5793

**Jay Eversoll**

*Plastic Trends Royal Pipe*  
member since 2002  
Shelby Township, MI  
586-781-2700

**F**

**Tim Faas**

*Canton Township*  
member since 2013  
Canton, MI  
734-394-5160

**Scott Fairbanks**

*City of Linden*  
member since 2012  
Linden, MI  
810-735-7980

**Valerion Farr**

*Detroit Water and Sewerage  
Department*  
member since 2015  
Detroit, MI  
313-926-8133

**Daniel Faulkner**

*Dan Faulkner*  
member since 2015  
Benton Harbor, MI  
989-370-0077

**Jeff Faultersack**

*City of St. Joseph*  
member since 2012  
Coloma, MI  
269-983-1240

**James G. Fausone**

*Detroit Water & Sewerage  
Department*  
member since 2011  
Detroit, MI  
313-224-4704

**William G. Fazer**

*Verso Paper / Quinnesec Mill*  
member since 1981  
Norway, MI  
906-497-5683

**Mark Fechik**

*City of Saline*  
member since 2004  
Saline, MI  
734-944-2003

**Jeff Fedewa**

*E.L.M.W.S.A*  
member since 1996  
East Lansing, MI  
517-337-7535

**Allen Feenstra**

*Jenison - Georgetown Township*  
member since 2015  
Jenison, MI  
616-457-2340

**Todd J. Feenstra**

*Tritium, Inc.*  
member since 2003  
Elkhart, IN  
574-266-5300

**Geoffrey Feit**

member since 2007  
Linden, MI  
517-546-5309

**Vern Feldpausch**

*Village of Fowler*  
member since 2004  
Fowler, MI  
989-593-2768

**Patrick J. Fellrath**

*Charter Township of Plymouth*  
member since 2011  
Plymouth, MI

**Jason Felty**

*Plainfield Township Water  
Department*  
member since 2015  
Grand Rapids, MI

**Joe Felty**

*Plainfield Township Water  
Department*  
member since 2015  
Grand Rapids, MI



**David Ferguson**  
Grand Rapids Water Department  
member since 2016  
Grand Rapids, MI

**David Fierstien**  
City of E. Jordan  
member since 2013  
East Jordan, MI  
231-536-3381

**Steven Fink**  
Muskegon County Public Works  
member since 2009  
Muskegon, MI  
231-724-6522

**Rick Finke**  
Eagle Harbor Township  
member since 2001  
Eagle Harbor, MI  
906-289-4407

**Thomas A. Fishbaugh**  
Ohio Rcap  
member since 1975  
Fremont, OH  
419-332-2032

**Christopher P. Fitch**  
Weiss Construction Company  
member since 1997  
Detroit, MI  
313-567-4500

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

**Ken Flagstadt**  
member since 2006  
Oscoda, MI  
906-280-2971

**Gary D. Flannigan**  
Lexington Water Treatment Plant  
member since 1982  
Lexington, MI  
810-359-5901

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

**Aly Flood**  
member since 2015  
Grand Rapids, MI  
248-345-0132

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

**Trisha L. Foerster**  
Kochville Township DPW  
member since 2013  
Saginaw, MI  
989-710-0181

**Kevin Foley**  
member since 2015  
Cleveland, OH  
216-548-8720

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

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

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

**Sue L. Foune**  
City of Kalamazoo Public Services  
member since 1995  
Kalamazoo, MI  
269-337-8440

**Marc H. Fournier II**  
Eagle Mine  
member since 2011  
Negaunee, MI  
906-203-7688

**Mark Fowler**  
City of Boyne City  
member since 2007  
East Jordan, MI  
231-944-8073

**Village of Fowlerville**  
member since 2016  
Fowlerville, MI  
517-223-3771

**Jeffrey E. Fox**  
City of Rochester Hills  
member since 2012  
Rochester Hills, MI  
248-852-2677

**Malcolm L. Fox II**  
City of Mt. Pleasant  
member since 1981  
Mount Pleasant, MI  
989-779-5426

**Donald A. Fralick**  
City of Fenton Water Department  
member since 1999  
Fenton, MI  
810-919-9680

**Eric Francik**  
Grand Rapids Water Department  
member since 2016  
Grand Rapids, MI  
Joshua L Frazee

**City of St. Joseph**  
member since 2014  
Saint Joseph, MI  
269-983-1240

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

**George R. Freiberg**  
Hazen and Sawyer, PC  
member since 2008  
Harrison, MI  
313-961-3050

**City of Fremont**  
member since 1987  
Fremont, MI  
231-924-2101

**Donald R. French**  
member since 1984  
Escanaba, MI  
906-786-6026

**Michael J. Friedhoff**  
member since 2015  
Novi, MI

**William A. Fritz**  
Waterford Township  
member since 1995  
Waterford, MI  
248-618-7464

**Bob Fry**  
Ypsilanti Community Utilities  
Authority  
member since 2006  
Ypsilanti, MI  
734-485-7562

## G

**Ira M. Gabin**  
Dixon Engineering, Inc.  
member since 1985  
Dewitt, MI  
616-374-3221

**Carrie Gabrielse**  
Evoqua Water Technologies  
member since 2015  
Holland, MI  
616-772-9011

**Mary Gaedt**  
member since 2001  
Waterford, MI

**Mark D. Gahry**  
Brownstown Township  
member since 1999  
Brownstown Twp, MI  
734-675-4000

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

**Troy R. Gallagher**  
Mead & Hunt  
member since 2002  
Escanaba, MI  
906-273-1568

**James P. Gallogly**  
City of Northville Pub. Wks. D  
member since 1996  
Northville, MI  
248-349-3271

**Pete Gallus**  
Trenton Corporation  
member since 2015  
Ann Arbor, MI  
208-618-9876

**Heather Gardner**  
Sigma Associates  
member since 2015  
Detroit, MI  
313-463-4723

**Drew A. Garipey**  
member since 1995  
Redford, MI  
313-532-4140

**Geoff Garman**  
member since 2015  
Madison Heights, MI  
248-585-3700

**Catherine A. Garnham**  
F&V Operations and Resource  
Management  
member since 1998  
East Tawas, MI  
989-362-0050

**Grant A. Gartrell**  
member since 2002  
Detroit, MI  
313-926-8139

**Stephen Gasteyer**  
Michigan State University -  
Dept. of Sociology  
member since 2002  
East Lansing, MI  
517-355-3505

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

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

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

**Daniel Geyer**  
Village of Manchester  
member since 2008  
Manchester, MI  
734-428-7171

**David A. Geyer**  
member since 1976  
Muskegon, MI  
231-798-7241

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

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

**Craig Gill**  
Village of Springport  
member since 2001  
Springport, MI  
517-857-2510

**Sanpreet Gill**  
A 107 Engineering Research Complex  
member since 2016  
East Lansing, MI

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

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

**Mark Gladioux**  
City of Monroe  
member since 2014  
Monroe, MI  
734-240-6074

**City of Gladstone**  
member since 1987  
Gladstone, MI  
906-428-3460

**Timothy Glass**  
member since 2011  
Marcellus, MI  
269-506-7015

**Kelly Gleason**  
Lansing Board of Water & Light  
member since 2014  
Lansing, MI

**Wayne E. Gleiber**  
Great Lakes Scientific  
member since 1995  
Stevensville, MI  
269-429-1000

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

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

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

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

**Joseph M. Goergen**  
Genesee County Div. W&WS  
member since 1989  
Montrose, MI

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

**Robert F. Goodheart**  
Pathfinder Engineering, Inc.  
member since 1989  
Byron Center, MI  
616-531-7422

**Philip A. Goodlock**  
member since 2000  
Hudson, MI  
517-403-9216

**Angie Goodman**  
Lansing Board of Water & Light  
member since 2014  
Lansing, MI

**Curt Goodman**  
City Of Marquette  
member since 2015  
Marquette, MI  
906-225-4055

**Thomas N. Gordon**  
member since 2008  
Iron Mountain, MI  
906-779-0166

**John P. Gorney**  
City of Kentwood  
member since 1999  
Kentwood, MI  
616-554-0825

**Gerald Goshorn**  
member since 1960  
Alma, MI  
989-463-4580

**Daryl J. Gotham**  
member since 1999  
Saginaw, MI  
989-450-8146

**Thomas Gott**  
City of Mount Clemens  
member since 2007  
Mount Clemens, MI

**Michael P. Grabbe**  
Village of Lawton  
member since 1992  
Lawton, MI  
269-624-6406

**Adam J. Grabetz**  
City of Rockwood  
member since 2000  
Rockwood, MI  
734-216-0657

**Joe Graf**  
member since 2012  
Clarkston, MI

**Judy E. Graham**  
City of Portage  
member since 2014  
Portage, MI  
269-329-4424

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

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

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

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

**James H. Granger**  
Granger & Associates Inc.  
member since 1968  
Cheboygan, MI  
231-627-2763

**Thomas A. Gray**  
member since 1990  
Saginaw, MI  
989-791-8099

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

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

**City of Greenville**  
member since 1975  
Greenville, MI  
616-754-5098

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

**Donald J. Greiner**  
member since 1973  
Big Rapids, MI

**Michael D. Grenier**  
City of Muskegon  
member since 1993  
Muskegon, MI  
231-724-4104

**Peter F. Greiner**  
NSF International  
member since 1993  
Ann Arbor, MI  
734-769-5517

**Letisha Griffith**  
Highland Treatment Inc.  
member since 2007  
Ortonville, MI  
248-887-4258

**Kevin L. Gritters**  
Prein & Newhof  
member since 2006  
Grand Rapids, MI  
616-364-8491

**Grosse Ile D.P.W.**  
member since 2000  
Grosse Ile, MI

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

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

**David E. Guastella**  
Alfred Benesch & Company  
member since 1992  
CANTON, MI  
313-963-0612

**Greg Gucwa**  
Johnson & Anderson  
member since 2008  
Waterford, MI

**Robert E. Guerin**  
City of Dearborn  
member since 2007  
Dearborn, MI  
313-943-2308

**Lennard Gumaer**  
Brilliant Systems, LLC  
member since 2015  
Bloomfield Hills, MI

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

**Thomas P. Gunst**  
City of New Baltimore  
member since 2001  
New Baltimore, MI  
586-725-9511

**Brad Gurski**  
City of St. Johns  
member since 2015

**Geoff Guss**  
McWane Ductile-Ohio  
member since 2005  
Coshocton, OH  
800-800-6013

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

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

**Stephen D. Guy**  
City of Fenton  
member since 2005  
Fenton, MI  
810-614-1761

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

## H

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

**George Haga**  
Ada Township Water Department  
member since 1989  
Ada, MI

**Brian Hall**  
Ej  
member since 2015  
East Jordan, MI

**Robert Halm**  
member since 2007  
Rapid River, MI  
708-396-3185

**Becky Halvorson**  
Michigan State University  
member since 2007  
Howell, MI  
606-769-6830

**Dan Hamann**  
City of Wayne Dept of Public Works  
member since 2009  
Wayne, MI  
734-721-8600

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

**Scott M. Hamelink**  
member since 2011  
Grand Ledge, MI  
517-702-6512

**Bruce R. Hamlett**  
Hamlett Environ. Technologies  
member since 1978  
Howell, MI  
517-545-2500

**Steve Hammond**  
City of Montague  
member since 2011  
Montague, MI  
231-893-2235

**Hampton Township**  
member since 2014  
Essexville, MI  
989-893-7541

**David W. Hand**  
Michigan Tech. Univ., Dept. Civil Eng.  
member since 1981  
Houghton, MI  
906-487-2777

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

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

**Jeffrey R. Hansen**  
LAN  
member since 2006  
Flint, MI  
810-333-3201

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

**Paul Hanson**  
DIPRA  
member since 2015  
Valparaiso, IN  
219-464-4075

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

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

**Robert R. Harbron**  
member since 1986  
Farmington, MI  
248-539-0724

**Kendra Harding**  
member since 2014  
Auburn Hills, MI

**Daniel Harkema**  
Byron-Gaines Utility Authority  
member since 2015

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

**Dave Harran**  
City of Grand Rapids  
member since 2001  
Grand Rapids, MI  
616-456-4522

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

**Kevin J. Harrison**  
member since 1989  
Burtchville, MI  
810-984-9770

**Perry Hart**  
City of Battle Creek  
member since 2006  
Battle Creek, MI  
269-966-3481

**Diane Harte**  
MWEA  
member since 2015  
Saint Johns, MI

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

**Nick Harteau**  
member since 2009  
Farmington, MI  
734-260-0152

**Hartland Township**  
member since 2011  
Hartland, MI

**Ken Hartwig**  
Tnemec Company, Inc.  
member since 1999  
Howell, MI  
517-540-0038

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

**Robert M. Harvey**  
Village of Paw Paw  
member since 2005  
Paw Paw, MI  
269-657-3169

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

**City of Hastings**  
member since 2015  
Hastings, MI  
269-945-2468

**Bruce A. Hauch**  
Village of Three Oaks  
member since 1988  
Three Oaks, MI  
269-756-2020

**David Haut**  
City of Owosso Water Dept  
member since 2016  
Owosso, MI  
989-725-0560

**Antoinette Hawkins**  
City of Monroe Water Plant  
member since 2012  
Monroe, MI  
734-241-5947

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

**Ronald E. Hayes**  
Detroit Water & Sewerage  
Department  
member since 1989  
Detroit, MI  
313-999-3395

**Yvette A. Hayes-Johnson**  
Great Lakes Water Authority  
member since 2002  
Detroit, MI

**Stan S. Hazan**  
NSF International  
member since 1989  
Ann Arbor, MI  
734-769-5105

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



**Joe M. Hebert**

Ottawa County Road Commission  
member since 1990  
Grand Haven, MI  
616-842-5400

**Don Heck**

Wolverine Engineers & Surveyors  
member since 2000  
Mason, MI  
517-676-9200

**Michael Helder**

Holland Board Public Works  
member since 1996  
Holland, MI  
616-834-1431

**Al Henderson**

Argonics, Inc.  
member since 2012  
Gwinn, MI  
906-315-4128

**David C. Henry**

City of Monroe Water Dept.  
member since 1998  
Monroe, MI

**David W. Hensley**

member since 1999  
Grosse Pointe Woods, MI  
313-737-0609

**Kevin M. Herbert**

Muskegon Water Filtration Plant  
member since 1998  
Muskegon, MI  
231-724-4105

**Jeffrey D. Herczeg**

City of Auburn Hills  
member since 2013  
Auburn Hills, MI  
248-391-3777

**Christine Herndon**

Herndon Solutions Group  
member since 2008  
Las Vegas, NV  
866-487-3895

**Robert Hesse**

Grand Rapids Water Department  
member since 2016  
Grand Rapids, MI

**Brian W. Hettinger**

City Of Fremont  
member since 2000  
Fremont, MI  
231-924-2101

**Brian Hewlett**

MHOG Sewer and Water Authority  
member since 2016  
Howell, MI

**Mike Hielkema**

Grand Rapids Water System  
member since 2011  
Wayland, MI  
616-456-4170

**Howard Higley**

Bear Lake Village  
member since 2003  
Bear Lake, MI

**Bill Hildebrand**

Carlton Meter, Inc.  
member since 2012  
Grand Haven, MI  
616-842-0420

**Christopher Hiltunen**

Ira Township  
member since 2012  
Ira, MI  
586-725-7231

**John Hines**

Houghton Lake Sewer Authority  
member since 2015  
Houghton Lake, MI

**Jefferey S. Hinojosa**

Huron Charter Township DPW  
member since 1989  
New Boston, MI

**Joseph T. Hoban**

Dixon Engineering, Inc.  
member since 2006  
Menasha, WI  
800-327-1578

**Richard R. Hobgood**

member since 2015  
Romulus, MI  
734-466-4492

**David M. Hobson**

Charter Township of Grand Blanc  
member since 1991  
Grand Blanc, MI  
810-424-2640

**Jennifer A. Hodges**

Gourdie-Fraser, Inc.  
member since 2010  
Traverse City, MI  
231-946-5874

**John R. Hodges**

Village of Sparta  
member since 2006  
Sparta, MI  
616-887-3788

**Tracy Hoff**

member since 1998  
Deckerville, MI  
810-376-9505

**Edward Hogan**

Wade Trim  
member since 2005  
Farmington Hills, MI  
313-610-5398

**William R. Hogan**

City of Trenton  
member since 2001  
Trenton, MI  
734-675-8251

**Steve Hohensee**

member since 1980  
Washington, MI

**Kraig R. Hohf**

City of Marysville  
member since 2007  
Marysville, MI  
810-364-8340

**Holland Charter Township**

member since 1971  
Holland, MI  
616-396-1891

**David R. Holmgren**

C2AE  
member since 1995  
Grand Rapids, MI  
906-474-6716

**Scott G. Homminga**

City of Grosse Pointe Farms  
member since 2003  
Grosse Pointe Farms, MI  
313-343-2328

**Eric Hoogerhyde**

EJ  
member since 2014  
East Jordan, MI  
231-536-2261

**Richard L. Hopper Jr.**

Thomas Township  
member since 1992  
Saginaw, MI  
989-781-0150

**Jaymee E. Hord**

Village of Webberville  
member since 2011  
Webberville, MI  
517-521-3984

**Mark H. Horgan**

Genesee County  
Water & Waste Services  
member since 1996  
Flint, MI  
810-732-7870

**Tom Horrocks**

City of Onaway  
member since 2014  
Onaway, MI  
989-733-6548

**Scott A. Houghtaling**

City of Norton Shores  
member since 2010  
Norton Shores, MI  
231-798-2156

**Brian Oliver House**

Spicer Group  
member since 1999  
Saint Johns, MI  
989-224-2355

**Scott House**

City of East Lansing  
member since 2015  
East Lansing, MI  
517-337-9459

**James W. Houska**

member since 1988  
Elsie, MI  
989-862-5090

**Brock Howard**

member since 1983  
East Lansing, MI  
517-323-3645

**Jessica Howard**

Orchard, Hiltz, & McCliment  
member since 2013  
Livonia, MI  
734-522-6711

**Shane Howard**

South County Water System  
member since 2012  
Temperance, MI  
734-847-0579

**City of Howell**

member since 1998  
Howell, MI  
517-546-5309

**George E. Hubbell**

member since 1979  
Milford, MI  
248-338-9241

**James W. Hubbell**

member since 1961  
Bloomfield Hills, MI  
248-852-6123

**John Hudak**

Hydro Designs, Inc.  
member since 2009  
Troy, MI  
248-250-5005

**Robert S. Hudson**

Adams Township  
member since 1992  
South Range, MI  
906-482-8395

**Darrick Huff**

Spicer Group Inc.  
member since 2012  
Saginaw, MI  
989-754-4717

**Jack Hughes**

Holland Board of Public Works  
member since 2012  
Holland, MI

**Glenn T. Hummel**

HESCO  
member since 2004  
Warren, MI  
586-978-7200

**Charline Hunt**

Parjana Distribution, LLC  
member since 2015  
Detroit, MI  
855-727-5262

**John A. Hunter**

member since 1997  
East Jordan, MI  
248-546-2004

**William Hunter**

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

**City of Huntington Woods**

member since 1989  
Huntington Woods, MI  
248-547-1888

**Craig A. Hupy**

Ann Arbor Public Services  
member since 1990  
Ann Arbor, MI

**Norman J. Hurren**

member since 2007  
Carsonville, MI  
810-622-9811

**Jason Hyde**

Kimball Township  
member since 2014  
Kimball, MI

**I****Tom Idema**

member since 1988  
Madison Heights, MI

**Independence Township DPW**

member since 1994  
Clarkston, MI  
248-625-8222

**Scott Ingraham**

Grand Rapids Water Department  
member since 2012  
Belmont, MI  
616-456-3700

**Tony D. Ippoliti**

Sherwin-Williams  
member since 1988  
Indianapolis, IN  
317-594-0083

**Ira Township**

member since 2013  
Ira, MI  
586-725-7231

**Charles W. Ireland**

Orion Township Dept. of Pub. Wks.  
member since 1983  
Lake Orion, MI  
248-393-7018

**Iron Mountain**

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

**City of Iron River**

member since 2013  
Iron River, MI  
906-265-4719

**City of Ironwood Water Utility**

member since 1996  
Ironwood, MI  
906-932-5050

**Cynthia C. Irving**

FTCH  
member since 2013  
Grand Rapids, MI  
616-464-3848

**Warren L. Isaacson**

Mead & Hunt Inc.  
member since 1977  
Felch, MI  
906-399-0532

**Douglas T. Iseler**

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

**Matt Iseler**

Village of Mayville  
member since 2015  
Mayville, MI  
989-843-6621

**Ishpeming Township**

member since 2014  
Ishpeming, MI  
906-485-5411

**Younes Ishraidi**

Meridian Charter Township  
member since 2001  
Okemos, MI  
517-853-4440

**Michael Itrich**

Marine City Public Works  
member since 2015  
Marine City, MI  
810-765-9711

**Robert Ivanovic**

Tetra Tech  
member since 2015  
Ann Arbor, MI  
734-213-5067

**J****Mohamad K. Jaber**

member since 2003  
Dearborn, MI  
313-833-8562

**Robert M. Jackovich**

Southeastern Oakland  
County Wtr Authority  
member since 1992  
Royal Oak, MI  
248-288-5150

**Zachary E. Jackson**  
member since 1988  
Detroit, MI  
313-273-9176

**City of Jackson**  
member since 2011  
Jackson, MI  
517-788-4160

**Justin Jaime**  
member since 2014  
Saginaw, MI  
989-752-7911

**Jonathan Jaime**  
member since 2014  
Saginaw, MI

**Jim James**  
City of Hastings  
member since 2016  
Hastings, MI

**Eric Jancsi**  
*Forsyth Township Water*  
member since 2012  
Gwinn, MI

**David M. Jansen**  
*Genesee County Water & Waste Services*  
member since 1996  
Flint, MI  
810-732-7870

**Brian Jeffries**  
*City of Monroe Water Plant*  
member since 2013  
Monroe, MI  
734-241-5947

**Daniel O. Jenkins**  
*City of Fennville*  
member since 1984  
Fennville, MI  
269-722-3075

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

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

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

**Bruce D. Jerome**  
member since 1980  
Novi, MI  
248-658-3490

**Alan J. Jessup**  
*City of Clare*  
member since 2011  
Clare, MI

**Vince Jesus**  
*City of Rochester Hills*  
member since 2010  
Rochester Hills, MI  
248-656-4685

**Carmen L. Johnson**  
*Big Rapids Water Plant*  
member since 1989  
Big Rapids, MI  
231-796-6231

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

**Joe J. Johnson**  
member since 2009  
Mount Pleasant, MI  
989-317-0239

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

**Matt Johnson**  
*City of Kalamazoo - Dept. of Pub. Svcs.*  
member since 2015  
Kalamazoo, MI

**Paul Johnson**  
*City of Novi DPS, Water and Sewer Division*  
member since 2015  
Novi, MI  
248-727-7763

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

**William Johnson**  
*Detroit Water & Sewerage Department*  
member since 2014  
Detroit, MI

**Jeffrey A. Jones**  
member since 2012  
Ferndale, MI  
248-259-1964

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

**Brieland Jones**  
*University of Michigan*  
member since 2015  
Ann Arbor, MI  
708-227-0868

**W. Barnett Jones**  
*Detroit Water & Sewerage Department*  
member since 2014  
Detroit, MI

**Mark Joseph**  
member since 2005  
DeWitt, MI  
517-290-0170

**Richard K. Judkins**  
*Ann Arbor Charter Township*  
member since 1989  
Ann Arbor, MI  
734-663-3418

**Tom Judy**  
*QED Environmental Systems, Inc.*  
member since 2016  
Ann Arbor, MI

**Joshua Juhl**  
*City Of Wyoming*  
member since 2013  
Grand Rapids, MI  
231-742-0922

**Jennifer Julien**  
*GS Infrastructure*  
member since 2015  
Houghton, MI  
989-751-8226

**John D. Julien**  
*Umbaugh*  
member since 2005  
Mishawaka, IN  
574-935-5178

**Matthew James Jurczyk**  
*F and V Operations*  
member since 2006  
East Tawas, MI  
989-362-0050

**Mike Jurgess**  
*City of Harbor Beach*  
member since 2012  
Harbor Beach, MI  
989-479-6730

**Michael Jurosek**  
*Sylvan Township Water & Sewer Authority*  
member since 2015  
Chelsea, MI

**Ryan Justin**  
*Ann Arbor Public Services*  
member since 2015  
Ann Arbor, MI



**Tim Kading**  
*City of Bridgman Water Department*  
member since 1989  
Bridgman, MI  
269-269-5407

**Douglas W. Kadzban**  
*Village of Sparta*  
member since 1991  
Jenison, MI  
616-430-0324

**City of Kalamazoo - Dept. of Pub. Svcs.**  
member since 1970  
Kalamazoo, MI  
269-337-8660

**Kalamazoo Lake Water & Sewer**  
member since 1979  
Saugatuck, MI  
269-857-2709

**Steven A. Kalinowski**  
*Wade Trim & Associates*  
member since 1987  
Taylor, MI  
734-947-9700

**Divya Kamath**  
member since 2015  
Houghton, MI  
906-370-7063

**Paul Kanaski**  
*Huron Township Water System*  
member since 2014  
Port Hope, MI

**Catherine Kane**  
*City of Fenton*  
member since 2016  
Fenton, MI  
810-629-2261

**Jon Kangas**  
*City of Ishpeming*  
member since 2010  
Ishpeming, MI  
906-486-9371

**Pawan K. Kapila**  
member since 2003  
Novi, MI  
313-928-0204

**Michael T. Karll**  
*Charter TWP. of Plymouth*  
member since 1997  
Plymouth, MI

**George Y Karmo**  
*Tucker, Young, Jackson, Tull Inc.*  
member since 2010  
Detroit, MI  
313-963-0612

**Phil Karwat**  
*City Of Saginaw*  
member since 2004  
Saginaw, MI  
989-759-1728

**Bayable Atnafu Kassa**  
*University of Michigan*  
member since 2015  
Ann Arbor, MI  
734-846-2311

**Kawkawlin Metropolitan District Water**  
member since 1980  
Kawkawlin, MI  
989-684-0014

**Joseph P. Keefe**  
member since 1995  
Willis, MI  
734-461-0804

**John P. Keesling**  
*Colombiere Center*  
member since 2004  
Clarkston, MI  
248-620-2539

**Tim Kehn**  
*Grand Blanc Public Works Department*  
member since 1989  
Grand Blanc, MI  
810-694-5420

**Terry Kehr**  
*City of Allen Park*  
member since 2015  
Allen Park, MI  
313-928-0550

**Jon Keim**  
*Grosse Ile D.P.S.*  
member since 2000  
Grosse Ile, MI  
734-676-5959

**Robert Kellar**  
*Ann Arbor Public Services*  
member since 2013  
Ann Arbor, MI

**Christopher Keller**  
*City of Farmington*  
member since 2015

**William A. Kelley**  
member since 1964  
Lansing, MI  
517-487-2988

**Matthew Martin Kennedy**  
member since 2011  
Livonia, MI

**Chris A. Kenyon**  
*City of Ionia WWTP*  
member since 1997  
Ionia, MI  
616-523-0165

**John Keyes**  
*Dow Corning*  
member since 2014  
Midland, MI

**Ali Khraizat**  
*CDM Smith*  
member since 2007  
Detroit, MI  
313-230-5622

**Michael Kidston**  
*Artesian of Pioneer*  
member since 2013  
Pioneer, OH  
419-737-2352

**Charles Kieliszewski**  
*Rogers City Water Department*  
member since 2005  
Rogers City, MI  
989-734-2191

**Terry Kilburn**  
*City of Bay City*  
member since 2014  
Bay City, MI  
989-891-1202

**Kimball Township**  
member since 2001  
Kimball, MI

**Ashley Kimble**  
*Holand Board of Public Works*  
member since 2013  
Holland, MI  
616-355-1576

**Robert Kimmer**  
*City of Portage*  
member since 1981  
Portage, MI  
269-329-4442

**Melvin Earl King**  
*Michigan State University Utilities*  
member since 2015  
East Lansing, MI  
517-353-1760

**Scott King**  
*Village of Constantine*  
member since 2006  
Constantine, MI  
269-435-2085

**Todd King**  
*GLWA*  
member since 2015  
Livonia, MI  
313-799-0289

**Marian A. King-Bell**  
*Detroit Water & Sewerage Department*  
member since 2008  
Detroit, MI  
313-964-9393

**City of Kingsford**  
member since 1978  
Kingsford, MI  
906-774-3526

**Douglas Kirkbride**  
*City of Sandusky*  
member since 2010  
Sandusky, MI  
810-648-4641

**Catherine Kirkland**  
member since 2015  
Lansing, MI  
248-622-6729



**Daniel Kitchen**

*Utility Service Company*  
member since 2009  
Portage, MI  
269-377-0771

**Erik Kleiman**

*Kleiman Pump & Well Drilling, Inc.*  
member since 2014  
Iron Mountain, MI  
906-774-1955

**Harry P. Kleiman**

*Kleiman Pump & Well Drilling*  
member since 1978  
Iron Mountain, MI  
906-774-1955

**Ron Kleiman**

*City of Munising*  
member since 2014  
Munising, MI  
906-387-2419

**Dan Kleinheksel**

*City of Wyoming Drinking Water Plant*  
member since 2012  
Holland, MI  
616-399-6511

**Phillip L. Kline**

*Klines Resort*  
member since 1996  
Three Rivers, MI  
269-649-2514

**Paul Kloosterman**

*Byron-Gaines Utility Authority*  
member since 2015

**Mark S. Kneibel**

member since 1995  
Jenison, MI  
616-826-8069

**Todd Knepfer**

*City of Jackson*  
member since 1999  
Jackson, MI  
517-768-6142

**Christopher S. Knight**

*City of Monroe Water Filtration Plant*  
member since 1996  
Monroe, MI  
734-241-5947

**Brad Knoper**

*Jenison-Georgetown Township*  
member since 2015  
Jenison, MI

**Larry Knowles**

member since 2015  
269-945-5083

**David S. Koch**

*Black & Veatch*  
member since 1998  
Chicago, IL  
312-683-7829

**Robert J. Koehn**

*City of Jackson Water Dept.*  
member since 1986  
Jackson, MI  
517-788-4073

**Edward Koenig**

*Macomb Twp Water/Sewer Dept.*  
member since 2005  
Macomb, MI  
586-598-0687

**Michael J. Koluder**

member since 2000  
Wyandotte, MI  
734-775-9323

**Kevin Koning**

*Holland Board of Public Works*  
member since 2012  
Holland, MI  
616-355-1564

**Barry D. Korhorn**

*Byron-Gaines Utility Authority*  
member since 2006  
Byron Center, MI  
616-971-0002

**Mike Kortman**

*Byron-Gaines Utility Authority*  
member since 2013  
Byron Center, MI  
616-971-0002

**Zach Kortz**

*Allegan Water Plant*  
member since 2015  
Allegan, MI

**Alan G. Koski**

*Republic Township*  
member since 2010  
Republic, MI  
906-376-2303

**David J. Koss**

member since 1983  
Macomb, MI  
586-610-1031

**David G. Koster**

*Holland Board of Public Works*  
member since 2007  
Holland, MI  
616-355-1562

**John E. Koster**

member since 2004  
Wyoming, MI  
616-257-6628

**Nadine Kotlarz**

*University of Michigan*  
member since 2012  
Ann Arbor, MI  
734-334-6628

**Keith Kotsch**

*Village of Brooklyn*  
member since 2008  
Brooklyn, MI  
517-592-5873

**Yao Kouassi**

member since 2010  
Livonia, MI  
313-690-5422

**A. Dusty Kowalski**

*Burtchville Twp. D.P.W.-Water*  
member since 1995  
Burtchville, MI  
810-385-5577

**James Kowalski**

*City of Grosse Pointe Woods*  
member since 2002  
Grosse Pointe Woods, MI  
313-343-2460

**Preston J. Kragt**

member since 1994  
Holland, MI  
616-399-5345

**David B. Kramer**

*Hydrasource Inc.*  
member since 1987  
Chagrin Falls, OH  
440-247-9150

**Lloyd J. Kramer**

member since 1989  
Harbor Beach, MI  
989-551-9257

**Barry A. Kreiner**

*City of Marysville*  
member since 2004  
Marysville, MI  
810-364-8340

**Holly Kremers**

*Wade Trim*  
member since 2015  
Tampa, FL  
813-882-4373

**Richard Kroll**

*United Water - City of Alpena WTP*  
member since 2016  
Alpena, MI

**Charles L. Kronk**

member since 1978  
Lakeland, MI  
810-231-1200

**Martin T. Kroon**

member since 1995  
White Cloud, MI  
231-689-6093

**Arthur Krueger**

*Traverse City Water Department*  
member since 2012  
Traverse City, MI  
231-922-4920

**Tim C. Krugh**

*City of Brighton*  
member since 2000  
Brighton, MI  
810-227-3063

**Tim Kruse**

*Eramosa International, Inc.*  
member since 2014  
Detroit, MI  
313-350-3123

**Walt Krzeczowski**

*City of Livonia*  
member since 2008  
Livonia, MI  
734-466-2633

**Roy W. Kuennen**

*Arway MC 31-3A*  
member since 1987  
Ada, MI  
616-787-7824

**Dennis Kuhn II**

*Village of Buckley*  
member since 1996  
Buckley, MI  
989-350-0448

**Tim Kuhns**

*DWSD*  
member since 2014  
Novi, MI  
248-735-5647

**Kenneth W. Kunka**

*Sumpter Township*  
member since 2007  
Belleville, MI  
734-787-7244

**Louis Jay Kwiatkowski**

*City of Grandville*  
member since 2005  
Grandville, MI  
616-538-1990

**L****James G. Labell**

*City of Trenton*  
member since 1989  
Trenton, MI  
734-676-6621

**Howard L. Lacossee**

*City of Rose City*  
member since 2013  
Rose City, MI  
989-685-2646

**Michael Lacroix**

member since 2015  
White Lake, MI

**Steve LaFave**

*Green Oak Water Company*  
member since 2004  
South Lyon, MI  
248-486-8110

**Rebecca Lahr**

*Michigan State University*  
member since 2016  
East Lansing, MI

**James W. Lahti**

member since 1994  
Dewitt, MI  
517-668-6061

**Jennifer Lai**

*Michigan State University*  
member since 2015  
East Lansing, MI  
517-355-6640

**Lake Township Water System**

member since 1975  
Bridgman, MI  
269-465-3850

**Jeff Lampi**

*Escanaba Municipal Water Dept.*  
member since 2012  
Escanaba, MI

**Jason A. Laney**

*Village of Quincy*  
member since 2007  
Quincy, MI  
517-639-9065

**William Lang**

*City of Utica DPW*  
member since 2006  
Utica, MI  
586-731-6110

**Wayne E. Langeland**

member since 1984  
Grand Rapids, MI  
616-682-0832

**Anthony Langhann**

*City of Litchfield*  
member since 2008  
Litchfield, MI  
517-542-2103

**Lansing Board of Water & Light**

member since 1929  
Lansing, MI  
517-702-6812

**City of Lapeer**

member since 1996  
Lapeer, MI  
810-664-6887

**Kelly Lapointe**

*City of Troy, Mich.*  
member since 2016  
Troy, MI

**Timothy J Lapointe**

*Thornapple Manor*  
member since 2012  
Hastings, MI

**Thomas W. Larder**

*Process Results*  
member since 1988  
Saline, MI  
734-475-7122

**Barry LaRoy**

*City of Monroe*  
member since 2004  
Monroe, MI  
734-384-9122

**Cory Larson**

member since 2003  
Gladstone, MI  
906-428-3631

**Darryl Latimer**

*Detroit Water & Sewerage Department*  
member since 2004  
Detroit, MI  
313-224-4784

**Jim Lavelle**

*Lake Bella Vista*  
member since 2011  
Rockford, MI  
616-874-6777

**Steven P. Lawry**

member since 1984  
Marquette, MI  
906-249-1448

**Kerry Laycock**

*D. Kerry Laycock, LLC*  
member since 2014  
Ann Arbor, MI  
734-222-0584

**Josh Leach**

*City of Farmington*  
member since 2014  
Farmington, MI  
248-473-7250

**William E. Leafdale**

*City of Rochester Hills*  
member since 1987  
Rochester Hills, MI

**Brad Lear**

*Charter Township of Canton*  
member since 2012  
Canton, MI

**Mark Lease**

*City of Eaton Rapids*  
member since 2013  
Eaton Rapids, MI

**Gregg E. Lebster**

member since 1997  
Caledonia, MI  
616-974-9943

**Craig S. Lehan**

*City of Norton Shores Water Department*  
member since 2007  
Norton Shores, MI  
231-798-2156

**Michael Lehtonen**

member since 2007  
Okemos, MI  
517-702-6814

**Allen D. Lemieux**

*West Michigan Instrumentation Systems, Inc.*  
member since 1987  
Nunica, MI  
616-837-6148

**Rod Lesko**

*Wyandotte Municipal Services*  
member since 2014  
Wyandotte, MI  
734-324-7111

**Tim LeTourneau**

F&V  
member since 1992  
Grand Rapids, MI  
616-490-5346

**Ashely Levin**

City of Troy, Mich.  
member since 2016  
Troy, MI

**Daniel Eli Lewis**

Indian Lake Nazarene Camp  
member since 2015  
Vicksburg, MI  
269-808-0727

**Daniel G. Lewis**

Prein & Newhof  
member since 2002  
Kalamazoo, MI  
269-372-1158

**Gary Lewis**

Little River Band  
of Ottawa Indians - Utilities  
member since 2009  
Manistee, MI  
231-398-2299

**Tom H. Lewis**

Energy United Water Corporation  
member since 2001  
Carmel, IN  
317-566-0723

**Steve Liebrecht**

Rockwell Automation  
member since 2009  
Troy, MI  
419-340-6873

**Marvin Liggins**

City of Kalamazoo -  
Dept. of Pub. Svcs.  
member since 2010  
Kalamazoo, MI  
269-337-8388

**Tae Lim**

University of Michigan, Ann Arbor  
member since 2015  
Oak Park, MI  
734-834-4578

**Patrick E. Lindemann**

County of Ingham  
member since 2004  
Mason, MI  
517-676-8395

**David Linderman**

Village of Roscommon  
member since 2015  
Roscommon, MI  
989-275-8222

**Robert W. Lindh**

Urban Land Consultants  
member since 1996  
Shelby Township, MI  
586-731-8030

**Donald A. Link**

member since 1982  
Monroe, MI  
734-289-2200

**Mark Lipovsky**

City of Harrison  
member since 2015  
Harrison, MI  
989-539-7145

**Bob Lisenko**

NSF International  
member since 2015  
Ann Arbor, MI  
203-915-8495

**Scott Michael Little**

member since 2015  
Traverse City, MI  
231-632-1000

**Little River Band of Ottawa  
Indians - Utilities**

member since 2009  
Manistee, MI  
213-398-2285

**Keith Lockie**

Superior Township Utility  
Department  
member since 2013  
Ypsilanti, MI  
734-480-5502

**Gary S. Logsdon**

member since 1964  
Fairfield, OH  
513-860-2021

**Robert A. London**

member since 1990  
Bay City, MI  
989-450-7834

**Dwayne Loper**

East China Water Filtration Plant  
member since 2011  
East China, MI

**Cheryl Louden**

Lansing Board of Water and Light  
member since 2014  
Lansing, MI  
517-702-6396

**Drew Lovaasen**

member since 2015  
Harbor Springs, MI  
231-526-7460

**Tyler Loveday**

City of Monroe  
member since 2016  
Monroe, MI

**Paul Lozen**

member since 2007  
Alpena, MI  
989-354-2798

**Robin E. Lucas**

City of Jackson WTP  
member since 2015  
Jackson, MI  
517-788-4075

**Leon Luedeman**

City of Rochester Hills  
member since 2010  
Rochester Hills, MI  
248-656-4685

**Todd Luks**

Elhorn Engineering Company  
member since 1991  
Mason, MI  
517-676-3786

**Keith Lumma**

Spalding DeDecker Associates, Inc.  
member since 2004

**Mahesh Lunani**

member since 2015  
Rochester Hills, MI

**Dawn Lund**

Utility Financial Solutions, LLC  
member since 2014  
Leland, MI  
231-218-9664

**M. Lunn**

*City of Grand Rapids*

member since 1995  
Grand Rapids, MI  
269-682-0678

**Luc Lupien**

Sanexen Environmental Services, Inc.  
member since 2012  
Brownstown, MI  
734-250-7874

**Nancy Lux**

OHM Advisors  
member since 2015  
Livonia, MI  
734-466-4527

**Randall Lybarger**

City of Jackson  
member since 2011  
Jackson, MI  
517-788-4170

**Timothy J. Lynch**

BHSJ WWTP  
member since 2003  
Saint Joseph, MI  
269-983-7719

**Craig A. Lyon**

Pittsfield Township Utilities  
member since 2006  
Ann Arbor, MI  
734-822-2109

**Neil D. Lyons**

City of Alma  
member since 1990  
Alma, MI  
989-681-3206

**M**

**M.E. Simpson Company, Inc.**

member since 1997  
Valparaiso, IN  
800-255-1521

**John M. MacDonald**

Martin Control Service, Inc.  
member since 2000  
Farmington Hills, MI  
248-476-7660

**Michael MacDonald**

Hubbell, Roth & Clark, Inc.  
member since 1999  
Bloomfield Hills, MI

**Thomas MacDonald**

member since 1995  
Wayne, MI  
734-721-0397

**Molly Maciejewski**

City of Ann Arbor  
member since 2001  
Ann Arbor, MI  
734-794-6000 ext 43328

**Greg Macintosh**

Village of Roscommon  
member since 2015  
Roscommon, MI  
989-808-5002

**Thomas J. MacKenzie**

member since 1990  
Brighton, MI  
810-231-3976

**Mackinac Public Works  
Department**

member since 1978  
Mackinac Island, MI  
906-847-6130

**Roery MacLean**

*Dubric Industries*

member since 2015  
Comstock Park, MI  
574-286-6930

**Nicole Macmillan**

City of Troy, Mich.  
member since 2016  
Troy, MI

**Macomb Township**

member since 1985  
Macomb, MI  
586-598-0687

**James W. MacQuarrie**

Mancelona Area  
Water & Sewer Authority  
member since 1988  
Mancelona, MI  
231-587-0744

**Alfred Joseph Maddix**

City of Fenton  
member since 2005  
Fenton, MI  
810-280-2490

**Jay Mader**

City of Huntington Woods  
member since 2012  
Huntington Woods, MI  
248-547-1888

**Stewart J. Maggrett**

Trout Creek Condo Association  
member since 1993  
Harbor Springs, MI  
231-526-9655

**Richard G. Mahoney**

Village of Jonesville  
member since 1988  
Jonesville, MI  
517-849-9450

**William F. Maier**

member since 1989

**Bradd D Maki**

Bay County Department  
of Water and Sewer  
member since 2011  
Bay City, MI  
989-684-3883

**Amber Malmstead**

member since 2013  
Escanaba, MI

**James Malpass**

Ej  
member since 2015  
East Jordan, MI  
231-536-2261

**Kurt K. Malzahn**

City of Ludington  
member since 1994  
Ludington, MI  
231-843-8830

**Mancelona Area Water  
& Sewer Authority**

member since 2014  
Mancelona, MI  
321-587-0744

**Mathew A. Mangatt**

DWSD, Springwells  
member since 1997  
Dearborn, MI  
810-385-4040

**City of Manistique**

member since 2005  
Manistee, MI  
906-341-2281

**City of Manton**

member since 2004  
Manton, MI  
231-824-6731

**Barbara E. Marczak**

Prein & Newhof, Inc.  
member since 1986  
Muskegon, MI  
231-798-0101

**Craig Marietti**

Ishpeming Township  
member since 2014  
Ishpeming, MI  
906-869-0330

**Marine City Public Works**

member since 1987  
Marine City, MI  
810-765-9711

**Michael Markham**

OHM Advisors  
member since 2014  
Hancock, MI  
906-482-0535

**Michael Marks**

Georgetown Charter Township  
member since 2006  
Jenison, MI  
616-457-2340

**City of Marlette**

member since 2001  
Marlette, MI  
989-635-7448

**City of Marshall**

member since 1994  
Marshall, MI  
269-781-3985

**David Marshall**

Village of Pinckney  
member since 2002  
Pinckney, MI

**Dave Marshke**

City of Burton  
member since 2007  
Burton, MI

**David Grant Marszalec**

Emerson  
member since 2010  
Saint Joseph, MI  
269-932-8134

**John P. Martin**

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

**Robert Martin**

City Of South Lyon  
member since 2002  
South Lyon, MI  
248-437-4006

**Ronald Martin**

Village of Capac  
member since 2006  
Capac, MI  
810-395-4355

**Scott D. Martin**

Scio Township  
member since 1995  
Ann Arbor, MI  
734-369-9350

**William J. Martin**  
*Plainfield Township*  
member since 1991  
Grand Rapids, MI  
616-363-9660

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

**Joey Maruskin**  
*JGM Valve Corporation*  
member since 2009  
Commerce Township, MI  
248-926-6200

**George Marx**  
*Grosse Ile DPS*  
member since 2015  
Grosse Ile, MI  
734-216-4342

**Kimberly R. Mason**  
*City of Saginaw*  
member since 2001  
Saginaw, MI  
989-759-1520

**Chad Massel**  
*Evoqua Water Technologies*  
member since 2015  
Holland, MI  
616-772-9011

**Bob Masters**  
*Peerless-Midwest, Inc.*  
member since 1999  
Ionia, MI  
616-527-0050

**Brian W. Masterson**  
*Kinross Charter Township*  
*Water & Sewer Dept*  
member since 2015  
Kincheloe, MI  
906-495-5134

**Shawn Matson**  
member since 2015  
Grand Haven, MI

**Samir F. Matta**  
*Lockwood, Andrews & Newnam, Inc.*  
member since 1999  
Okemos, MI  
517-819-2367

**Robert M. Mattfolk**  
*Osceola Township Water Supply*  
member since 1990  
Dollar Bay, MI  
906-281-5578

**Paul Matthews**  
*Ann Arbor Public Services*  
member since 2010

**Mark A. Mattson**  
*DLZ Michigan, Inc.*  
member since 2009  
Melvindale, MI  
313-961-4040

**Calvin Matz**  
*City of Wyoming Utilities*  
*Department*  
member since 2008  
Holland, MI  
616-399-6511

**Alex Mayer**  
*Michigan Technological University*  
*Dept. Civil & Envir. Engin.*  
member since 2009  
Houghton, MI

**Mark Kelly McCallum**  
member since 2012  
Clinton Township, MI

**Michael L. McAdams**  
*White Lake Township Water*  
*Department*  
member since 2015  
White Lake, MI  
248-698-3300

**Gary McBride**  
*Village of Bear Lake*  
member since 1993  
Bear Lake, MI  
231-864-3814

**Shawn McBride**  
*Charter Township of Union*  
member since 1994  
Mount Pleasant, MI  
989-400-4601

**Tara McCann**  
member since 2016

**Bob McClenney**  
*City of Kalamazoo -*  
*Dept. of Pub. Svcs.*  
member since 1993  
Kalamazoo, MI  
269-337-8146

**Shawn P. McColley**  
*City of Rochester Hills*  
member since 1990  
Shelby Township, MI  
248-852-2677

**Colin Glenn McCorkle**  
*Fishbeck, Thompson,*  
*Carr & Huber, Inc.*  
member since 2015  
Grand Rapids, MI

**Keith D. McCormack**  
*Hubbell, Roth & Clark*  
member since 1996  
Bloomfield Hills, MI  
248-454-6348

**Susan F. McCormick**  
*Detroit Water & Sewerage*  
*Department*  
member since 1987  
Detroit, MI  
313-224-4701

**Melanie L. McCoy**  
*Sebewaing Light & Water Dept*  
member since 2006  
Sebewaing, MI

**Jolisa D. McDay**  
member since 2000  
Clinton Township, MI

**Ken McDonough**  
member since 1988

**Paul S. McGinnis**  
*City of Monroe Water Filtration Plant*  
member since 2001  
Monroe, MI  
734-731-0471

**Tony McGrath**  
*Negaunee/Ishpeming Water*  
*Authority*  
member since 1994  
Ishpeming, MI  
906-486-8399

**Craig McGregor**  
*City of Chelsea*  
member since 2007  
Chelsea, MI  
734-475-8298

**David McKee**  
*Independence Twp DPW*  
member since 2001  
Clarkston, MI  
248-625-8222

**David K. McKeen**  
*City of Fenton*  
member since 1999  
Fenton, MI  
810-714-9610

**Joseph McKerchie**  
member since 1999  
Sault Sainte Marie, MI  
906-632-5275

**Stephen D. McLaren**  
*Leoni Engineerings*  
*Products & Services Inc.*  
member since 2009  
Lake Orion, MI  
248-760-9656

**Cliff J. McLellan**  
*NSF International*  
member since 2015  
Ann Arbor, MI  
517-851-8099

**Timothy D. McNamara**  
*Fishbeck, Thompsen,*  
*Carr & Huber, Inc.*  
member since 1985  
Grand Rapids, MI  
616-464-3811

**Dan L. McVay**  
*DN Tanks*  
member since 1987  
Hilliard, OH  
614-771-6577

**Hal W. Mead**  
*Village of St. Charles*  
member since 1993  
Saint Charles, MI  
989-865-8287

**Archie Mears**  
*NHBP*  
member since 2015  
Fulton, MI

**Emily Meek**  
member since 2015  
Livonia, MI  
616-334-0880

**Ajit Mehta**  
*DWSD*  
member since 2015  
Plymouth, MI

**Lynnette Marie Meinz**  
member since 2011  
Lapeer, MI  
810-732-7870

**Ronald J. Melchert**  
*City of Auburn Hills DPS*  
member since 1996  
Auburn Hills, MI  
248-391-3777

**John Mensinger**  
*City of Allen Park*  
member since 2015  
Allen Park, MI  
313-928-4166

**Steven Mephram**  
*City of St. Louis*  
member since 1995  
Saint Louis, MI  
989-681-3567

**Andrew Messina JR**  
*New Baltimore Water Department*  
member since 1990  
New Baltimore, MI  
586-725-7300

**Robin Messing**  
*City of Ann Arbor*  
*Water Treatment Plant*  
member since 2015  
Grand Blanc, MI  
989-980-3331

**Ronald Meszaros**  
*Colombiere Center*  
member since 2004  
Clarkston, MI

**Metco Services, Inc.**  
member since 1997  
Warren, MI  
313-961-4560

**John C. Meyer**  
member since 1983  
Monroe, MI  
734-243-2017

**Tim Meyer**  
*City of Midland*  
member since 2011  
Midland, MI

**Jeffrey Warren Meyers**  
*MHOG Water Treatment Plant*  
member since 2007  
Howell, MI  
517-545-5098

**Arnold Michael**  
*Village of Athens*  
member since 1998  
Athens, MI  
269-729-4940

**Andrew John Michalowski**  
*City of Battle Creek*  
member since 2010  
Battle Creek, MI  
269-966-3343

**Joseph M. Michalsky**  
*Jackson County Road Commission*  
member since 1993  
Jackson, MI  
517-783-5870

**Glen Michel**  
*Michigan Meter*  
*Technology Group Inc.*  
member since 1985  
Madison Heights, MI  
248-808-7837

**Michigan American Water**  
member since 1959  
Calumet, MI  
906-337-3502

**Michigan State University**  
*Utilities*  
member since 1977  
East Lansing, MI  
517-355-3314

**Mark Michling**  
*City of Auburn Hills Public Works*  
member since 2006  
Auburn Hills, MI  
248-364-6931

**Midland Water Department**  
member since 1940  
Midland, MI  
989-837-3327

**Wally Miel**  
member since 2012  
Benton Harbor, MI  
269-849-5194

**Brian Milewski**  
*Plainfield Twnshp Water Dept.*  
member since 1994  
Grand Rapids, MI  
269-363-9660

**Bob Miller**  
*South Haven Board of Public Utilities*  
member since 1977  
South Haven, MI  
269-637-0715

**Craig A. Miller**  
*City of Buchanan*  
member since 2013  
Buchanan, MI  
269-876-6034

**Craig Miller**  
*Grand Rapids Water Department*  
member since 2015  
West Olive, MI  
616-456-3700

**David G. Miller**  
*Charter Township of Shelby*  
member since 1987  
Shelby Township, MI  
586-731-5990

**Rick G. Miller**  
*City of Sturgis*  
member since 1994  
Sturgis, MI  
269-651-2879

**Robert N. Miller Jr.**  
*Suez*  
member since 2006  
Portage, MI  
269-324-4896

**Russell J. Miller**  
*City of St. Clair Shores*  
member since 2015  
St Clair Shores, MI

**Daisuke Minakata**  
*Michigan Technological University*  
member since 2014  
Houghton, MI  
906-487-1830

**Steve P. Mince**  
*City of Durand*  
member since 1999  
Durand, MI

**Paul Mines**  
member since 2010  
Ada, MI  
452-793-8798

**Peter Minnich**  
*City of Wyoming Utilities*  
*Department*  
member since 2013  
Holland, MI  
616-510-1752

**James J. Minster**  
*C2ae*  
member since 1998  
Lansing, MI  
517-371-1200

**Robert Missman**  
*Anway Corp. 31-2A*  
member since 2015  
Ada, MI

**Jeffrey W. Mitchell**  
*Village of Union City*  
member since 2015  
Union City, MI



**Timothy W. Mitosinka**

*City of Monroe Water Department*  
member since 1997  
Monroe, MI  
734-384-9153

**Todd Mittag**

*Harlan Laboratories*  
member since 2012  
Lansing, MI  
517-655-2172

**John Monaghan**

*Village of Edwardsburg*  
member since 2015  
Edwardsburg, MI  
269-663-8484

**David Monette**

*Warren Waste Water Treatment*  
member since 2004  
Warren, MI  
586-264-2530

**Abby Monroe**

*United Water*  
member since 2015

**Scott Monroe**

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

**Monroe Environmental Corp.**

member since 2010  
Monroe, MI  
734-242-5275

**City of Montague**

member since 1977  
Montague, MI  
231-893-2235

**Joseph Moore**

*DuBois Cooper Associates, Inc.*  
member since 2008  
Plymouth, MI  
734-455-6700

**Kevin Moore**

*Local 85 Training Center*  
member since 2009  
Saginaw, MI

**Michael Moore**

*City of Sterling Heights Wtr.*  
member since 2016  
Sterling Heights, MI

**Tim Moore**

*Village of Athens*  
member since 2012  
Athens, MI  
269-209-2435

**James A. Moreau**

*Sault Ste. Marie Water Department*  
member since 1986  
Sault Sainte Marie, MI  
906-632-3531

**Michael Morehouse**

*Home Tech Assessments, Inc.*  
member since 2015  
Ann Arbor, MI  
734-677-4334

**Dan Morosky**

*Rosedale Products Inc.*  
member since 2005  
Ann Arbor, MI  
734-665-8201

**Thomas L. Morris II**

*Etna Supply Company*  
member since 1997  
Wixom, MI  
810-624-5000

**Thomas Morrissey**

*Delta Charter Township*  
member since 2010  
Lansing, MI

**David L. Morse**

member since 1980  
Niles, MI  
269-683-0952

**Jeremiah Morse**

*Amec Foster Wheeler*  
member since 2015  
Novi, MI  
616-481-0151

**William R. Mortimer**

member since 1959  
Livonia, MI

**Julius Moss**

*Michigan State University*  
member since 2015  
East Lansing, MI  
517-355-6640

**Rory K. Moss**

*Northern Pump & Well Company*  
member since 2013  
Lansing, MI  
517-231-5773

**Katherine Mowbray**

member since 2003  
East Jordan, MI  
231-536-9544

**Patrick Muczynski**

*City of Evert*  
member since 2015  
Evert, MI

**Charles W. Mudge**

*City of Perry*  
member since 1999  
Perry, MI  
517-625-6155

**Michael J. Mulder**

member since 1990  
Dewitt, MI  
517-669-6904

**Sree Mullapudi**

*Ypsilanti Community Utilities Authority*  
member since 2006  
Ypsilanti, MI

**David J. Munch**

*City of Wyoming*  
member since 2005  
Holland, MI  
616-399-6511

**Mark Mundt**

*United Water*  
member since 2009  
Lowell, MI  
616-897-8135

**Sanjeev Mungarwadi**

*Detroit Water & Sewerage Department*  
member since 2005  
Detroit, MI  
810-385-2021

**City of Munising**

member since 1990  
Munising, MI  
906-387-2419

**Kim Murphey**

*City of Rochester Hills*  
member since 2011  
Rochester Hills, MI  
248-656-4685

**Timothy Patrick Murphy**

*Schneider Electric*  
member since 2010  
Broadview Heights, OH  
440-746-3177

**Chris Murphy**

*Advanced Valve Technologies*  
member since 2013  
Grand Rapids, MI  
877-489-4909

**Belinda Murray**

member since 2010  
Grand Rapids, MI  
616-456-4077

**Brian Musselman**

*Coldwater Board of Public Utilities*  
member since 1998  
Coldwater, MI  
517-279-9531

**Kris Musselman**

*City of Manton*  
member since 2015  
Manton, MI

**N**

**Edward Joseph Nahan II**

member since 2015  
Saginaw, MI  
517-896-3615

**Ishwar M. Naik**

*Stantec Consulting, MI, Inc.*  
member since 2015  
Ann Arbor, MI  
734-368-3112

**Kevin G. Nash**

*Monroe Water*  
member since 1997  
Monroe, MI  
734-755-5847

**Kim W. Nault**

*Republic Township Water Department*  
member since 2001  
Republic, MI  
906-371-0065

**Manuel Navarro**

*City of Marlette*  
member since 2014  
Marlette, MI  
989-635-7448

**Kevin Neeb**

*Waterford Township Dept. of Public Works*  
member since 2012  
Waterford, MI  
248-618-7493

**Negaunee Township Water System**

member since 1979  
Negaunee, MI  
906-475-7869

**Casey Neil**

*Evoqua Water Technologies*  
member since 2015  
Holland, MI  
616-690-0659

**Keith A. Nelson**

*Nelson Tank Engrg & Cnsitng*  
member since 1995  
Lansing, MI  
517-321-1692

**Neal Nelson**

*City of Bessemer*  
member since 2005  
Bessemer, MI  
906-667-0453

**James Nessen**

*Village of Edmore*  
member since 2013  
Edmore, MI  
989-427-3747

**Lisa Neuendorff**

*US Army TARDEC*  
member since 2015  
Warren, MI  
586-282-4161

**Tim Neumann**

*Michigan Rural Water Association*  
member since 2008  
Harrison, MI  
989-539-4111

**New Baltimore Water Department**

member since 1970  
New Baltimore, MI  
586-725-7300

**New Buffalo Township**

member since 2008  
New Buffalo, MI  
269-469-3112

**City Of Newaygo**

member since 1978  
Newaygo, MI  
231-652-7984

**Thomas Newhof**

*Prein & Newhof*  
member since 1964  
Grand Rapids, MI  
616-364-8491

**Tula Ngasala**

*WEES Consultants*  
member since 2015  
Okemos, MI

**Stephen C. Nichols**

*Fishbeck Thompson Carr & Huber*  
member since 1985  
Grand Rapids, MI  
616-464-3944

**John A. Nickels**

*Etna Supply Company*  
member since 1998  
Grand Rapids, MI  
616-241-5414

**Jorge Nicolas**

*Detroit Water and Sewerage Dept*  
member since 2015  
Detroit, MI  
313-926-8100

**Kelly Nielsen**

*City of Monroe*  
member since 2014  
Monroe, MI  
734-241-6074

**City of Niles Utilities Dept.**

member since 1954  
Niles, MI  
269-683-4700

**Northville Township Dept. of Public Services**

member since 1973  
Northville, MI  
248-348-5820

**City of Northville Pub. Wks.**

member since 1996  
Northville, MI  
248-449-9930

**Julie Norton**

member since 1992  
Big Rapids, MI

**Kevin B. Nosek**

member since 1998  
248-689-9090

**Kent Nothstine**

*Traverse City Water Plant*  
member since 2013  
Traverse City, MI  
989-289-8393

**NSF International**

member since 1981  
Ann Arbor, MI  
734-769-8010

**Aaron Nyboer**

*Holland Charter Township*  
member since 2016  
Holland, MI

**Mark H. Nye**

*DLZ Corporation*  
member since 1986  
South Bend, IN  
574-236-4400

**Mary Nykamp**

*Wightman & Assoc Inc*  
member since 2014  
Benton Harbor, MI  
269-927-0100

**O**

**Oakland County Water Resources Commissioner**

member since 2002  
Waterford, MI

**Kevin T. O'Brien**

*City of Dearborn*  
member since 1993  
Dearborn, MI  
313-943-3336

**John F. O'Brien**

*Genesee County Water & Waste Service*  
member since 1986  
Flint, MI  
810-732-7870

**Ken O'Brien**

*City of Frankenmuth*  
member since 1993  
Frankenmuth, MI  
989-652-8987

**Terence J. O'Brien**

member since 2006  
Grand Blanc, MI  
810-397-5884

**Eli Oklejas Jr.**

*Fluid Equip. Dvlpmnt. Co., Inc.*  
member since 1987  
Monroe, MI  
734-241-3935

**Curt Michael Olar**

*City of Saginaw*  
member since 1996  
Saginaw, MI  
989-387-1348

**F. Keith Oldewurtel**

member since 1979  
Ada, MI

**John E. Olson**

*Spicer Group Inc.*  
member since 1997  
Saginaw, MI  
989-754-4717

**Olivia Nicole Olsztyn-Budry**  
*Bloomfield Township*  
member since 2013  
Bloomfield Hills, MI

**John C. O'Malia**  
*O'Malia Consulting*  
member since 1967  
Williamston, MI  
517-927-7188

**Michael W. O'Malley**  
member since 1992  
Saint Joseph, MI  
574-274-3889

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

**Jenny Oorbeck**  
*NSF International*  
member since 2015  
Ann Arbor, MI  
734-418-6610

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

**Shawn D. Orlaske**  
member since 1996  
Saint Joseph, MI  
269-429-5113

**Christopher Ormes**  
*Village of Elsie*  
member since 2013  
Elsie, MI  
989-862-4273

**Patrick W. O'Rourke**  
*Stantec*  
member since 2001  
Ann Arbor, MI

**Joseph E. Ortquist**  
*Holland BPW*  
member since 2001  
Holland, MI  
616-355-1546

**William Osborne**  
*City of Monroe*  
member since 2014  
Monroe, MI  
734-241-6074

**James V. Ouzts**  
member since 2007  
Rockford, MI  
616-204-5967

**City of Owosso Water  
Department**  
member since 1990  
Owosso, MI

**Kenny Ozanich**  
*City of Berkeley*  
member since 2008  
Berkeley, MI  
248-658-3490

## P

**Adam Pace**  
*Monroe Environmental Corp.*  
member since 2010  
Monroe, MI  
734-242-7654

**Kirk Page**  
*Township of Marquette*  
member since 1981  
Marquette, MI

**Carl A. Palma**  
*City of Grand Rapids*  
member since 1995  
West Olive, MI  
616-456-3930

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

**Mark August Panzegrau**  
*Lake Township Water System*  
member since 2004  
Bridgman, MI

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

**Parjana Distribution, LLC**  
member since 2015  
Detroit, MI  
855-727-5262

**Charles Parker**  
*Charles Parker, II*  
member since 2015  
Swartz Creek, MI

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

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

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

**Nicole N. Pasch**  
*City of Grand Rapids  
Water Department*  
member since 2013  
Grand Rapids, MI  
616-456-3117

**James R. Paschal**  
member since 2002  
Howell, MI  
734-347-7428

**Gary Pashaian**  
*Monroe Environmental Corp.*  
member since 2010  
Monroe, MI

**M. Yunus Patel**  
*City of Dearborn*  
member since 2012  
Dearborn, MI  
313-943-2145

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

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

**Steven M. Patterson**  
*Village of Ravenna*  
member since 1993  
Ravenna, MI  
231-853-2360

**Jan J. Pavlicek**  
member since 1989  
Detroit, MI  
313-549-0236

**Christine J. Pawlak**  
*Holland Board of Public Works*  
member since 2008  
Holland, MI  
616-355-1251

**Jason Payne**  
*City of Linden*  
member since 2012  
Linden, MI  
810-735-7980

**William F. Pearson**  
*Pearson Drilling Company*  
member since 1997  
Lake City, MI  
231-839-4444

**Marie Peasley**  
*Argonics Inc.*  
member since 2016  
Gwinn, MI  
906-226-9747

**John J. Peck**  
*Croswell Water Dept.*  
member since 2014  
Croswell, MI  
810-679-2120

**Randy Peck**  
*Plainfield Township Water  
Department*  
member since 2015  
Grand Rapids, MI

**Jeff Peden**  
*City of St. Joseph*  
member since 2012  
Stevensville, MI  
269-983-1240

**Deborah L. Pellow**  
*Ishpeming Area Wastewater*  
member since 1998  
Ishpeming, MI  
906-486-4391

**Susan L. Pemberton**  
*Lansing Board of Water & Light*  
member since 2009  
Lansing, MI  
517-702-6363

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

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

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

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

**Pentland Twp. Wtr. Dept.**  
member since 2002  
Newberry, MI  
906-293-8577

**City of Perry**  
member since 1993  
Perry, MI  
517-625-6155

**Derek N. Perry**  
*Meridian Charter Township*  
member since 2004  
Okemos, MI  
517-853-4654

**Catherine Peters**  
member since 2007  
Midland, MI  
989-837-3515

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

**Steven E. Peterson**  
*Port Huron Charter Township*  
member since 1989  
Port Huron, MI  
810-987-6600

**Tracy Petit**  
*Frenchtown Water*  
member since 2015  
Newport, MI  
734-915-8804

**Donald Petrovich**  
*Plainfield Township Water Dept.*  
member since 1991  
Belmont, MI  
616-364-7174

**Kristen Philip**  
*Michigan Department  
of Env. Quality*  
member since 2000  
Lansing, MI

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

**Richard Phillips**  
*Superior Township*  
member since 2012  
Brimley, MI  
906-440-1199

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

**Richard L. Pierson**  
*Gull Lake Sewer & Water Auth*  
member since 1995  
Richland, MI  
269-731-4595

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

**Deve H. Pihlaja**  
*City of Hancock*  
member since 1992  
Hancock, MI  
906-482-0619

**Mark R. Pilkington**  
*Carrollton Township*  
member since 2006  
Saginaw, MI

**Dean Pine**  
member since 1998  
Monroe, MI  
734-242-8889

**Jeff R. Pinkowski**  
*Cambridge Brass*  
member since 1995  
Getzville, NY  
800-724-3906

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

**Darryll Plamondon**  
member since 2015  
Ludington, MI  
231-845-1500

**Adele M. Pleatman**  
*Waterwayze*  
member since 2015  
West Bloomfield, MI  
248-737-8784

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

**Dave Plooster**  
*EJ*  
member since 1998  
Wyoming, MI  
231-536-4504

**City of Plymouth**  
member since 1998  
Plymouth, MI  
734-453-7737

**Mark D Pniewski**  
member since 2016  
Macomb, MI

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

**William Joseph Popp**  
*Johnson & Anderson*  
member since 2015  
Clarkston, MI  
248-821-1887

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

**Cheryl D. Porter**  
*City of Detroit, Water & Sewer*  
member since 2005  
Detroit, MI  
313-926-8135

**Albert R. Posthuma**  
member since 1968  
N Muskegon, MI  
231-744-7373

**Arden Postma**  
*Grand Rapids Water Department*  
member since 2016

**Aaron Potter**  
Waterford Township  
Dept. of Public Works  
member since 2012  
Waterford, MI

**David J. Potter**  
Arlington Estates  
member since 2010  
Muskegon, MI

**Luke M. Potter**  
City of Clare  
member since 2011  
Clare, MI  
989-386-2182

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

**Marti Praschan**  
City of Ann Arbor  
member since 2008  
Ann Arbor, MI

**Catherine A. Prein**  
Prein & Newhof  
member since 1988  
Grand Rapids, MI  
616-364-8491

**Mark R. Prein**  
member since 1996  
Grand Rapids, MI  
616-363-9936

**Edwin Lewis Priehs**  
City of Imlay City  
member since 2011  
Imlay City, MI  
810-724-8712

**Richard Probst**  
Eagle Harbor Township  
member since 2012  
Eagle Harbor, MI  
906-289-4407

**Process Control Services**  
member since 2009  
Plymouth, MI  
734-453-0620

**Matthew J. Provoli**  
Pumps Plus, Inc.  
member since 1994  
Farmington Hills, MI  
248-888-9004

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

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

**Lucy B. Pugh**  
AECOM  
member since 2004  
Grand Rapids, MI  
616-940-4321

**David R. Purkiss**  
NSF International  
member since 1996  
Ann Arbor, MI  
734-827-6855

**Vicki M. Putala**  
OHM Advisors  
member since 1996  
Livonia, MI  
734-522-6711

**Q**  
**Ed Queen**  
City of Wayne  
member since 2016  
Wayne, MI

**David Quinn**  
City of Caseville  
member since 2003  
Caseville, MI  
989-856-4407

**Mike Quinell**  
Saginaw-Midland Water Supply  
member since 2004  
Bay City, MI  
989-684-2220

**R**  
**James R. Rabine**  
member since 1977  
Grand Blanc, MI  
810-618-1150

**John E. Racek**  
member since 1979  
Comstock Park, MI  
616-363-9801

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

**Patrick W. Raftery**  
City of Trenton WWTP  
member since 1991  
Trenton, MI  
734-676-0646

**Dan Rainey**  
Detroit Water & Sewerage Department  
member since 2014  
Detroit, MI

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

**Jose Ramirez Jr.**  
Pennfield Charter Township  
member since 2002  
Battle Creek, MI  
269-968-8549

**Frank C. Rampton**  
Trenton Corporation  
member since 1999  
Ann Arbor, MI  
734-368-7528

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

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

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

**Matthew T. Raysin**  
Genessee County  
Water & Wastewater  
member since 1999  
Flint, MI  
810-732-7870

**City of Reading**  
member since 2015  
Reading, MI  
517-283-2604

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

**James E. Redding**  
Rowe Professional Services  
Company  
member since 1991  
Flint, MI  
810-341-7500

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

**City of Reed City**  
member since 2015  
Reed City, MI  
231-832-2245

**Barry J. Reeder**  
member since 2000  
Ferndale, MI  
248-288-5150

**Kimberly L. Reeder**  
member since 1984  
Portage, MI  
Chad Reenders

**Grand Rapids Water Department**  
member since 2012  
Grand Haven, MI  
616-846-0582

**Dean Reid**  
member since 2009  
Commerce Township, MI  
248-379-2290

**James A. Reinhold**  
Michigan Meter Technology Group  
member since 1984  
Sebewaing, MI  
248-585-3700

**Joe Reinke**  
member since 2013  
Merrill, MI  
989-859-1616

**Paul D. Reinsch**  
City of Saginaw  
Water Treatment Plant  
member since 1990  
Saginaw, MI  
989-759-1640

**Timothy Reisbig**  
City of Ionia-DPW  
member since 2012  
Ionia, MI  
616-527-5786

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

**Chad Reul**  
Grand Rapids Water Department  
member since 2015  
Grand Rapids, MI

**Rudolph S. Reyes**  
Village of Oxford DPW  
member since 2005  
Oxford, MI  
248-628-1244

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

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

**James R. Rice**  
member since 1998  
Marquette, MI  
906-249-4580

**David L. Rich**  
member since 1984  
Lake Jackson, TX  
979-266-9676

**Jared P. Richards**  
Tucker, Young, Jackson & Tull  
member since 2002  
Newport, MI  
313-909-1139

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

**Timothy M. Richards**  
City of Livonia Public Works  
member since 2003  
Livonia, MI  
734-466-2632

**Linda Richardson**  
Independence Township DPW  
member since 1990  
Clarkston, MI  
248-625-8222

**Richland Township Water Dept.**  
member since 2003  
Hemlock, MI  
989-642-2097

**Timothy Richnak**  
City of Troy  
member since 2006  
Troy, MI  
248-524-3396

**Stanley H. Rickard**  
City of Hart  
member since 1977  
Hart, MI  
231-873-2488

**Karen E. Ridgway**  
Applied Science, Inc.  
member since 1986  
Detroit, MI  
313-567-3990

**Tim W. Ritchie**  
City of Adrian  
member since 2002  
Adrian, MI  
517-264-4828

**Pamela Ritsema**  
Grand Rapids Water Department  
member since 2013  
Grand Rapids, MI  
616-456-3079

**James Ritsema**  
City of Kalamazoo -  
Dept. of Pub. Svcs.  
member since 2015  
Kalamazoo, MI

**Ricky R. Rivard**  
City of Essexville  
member since 2002  
Essexville, MI  
989-893-6101

**Pat Rivera**  
Village of Mackinaw City  
member since 2002  
Mackinaw City, MI

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

**Tim Roache**  
member since 1980  
Elk Rapids, MI  
231-620-1289

**Michael K. Robbins**  
City of Petoskey  
member since 2005  
Petoskey, MI  
231-347-2500

**Deena Roberson**  
Holland Board of Public Works  
member since 2015  
Holland, MI  
616-355-1534

**David C. Roberts**  
Berlin Township  
member since 1994  
Newport, MI

**Paul A. Rochna Jr.**  
member since 1997  
Gaylord, MI

**City of Rockford**  
member since 2014  
Rockford, MI  
616-866-1537

**Nick C. Roder**  
Village of Garden  
member since 2004  
Garden, MI  
906-644-2423

**Grace Rodriguez**  
member since 2015  
Ann Arbor, MI  
Jamie Roels

**Henry Rodriguez**  
Village of Shelby  
member since 2015  
Shelby, MI  
231-861-2500

**Evoqua Water Technologies**  
member since 2015  
Holland, MI  
616-748-7635

**Timothy Rohn**  
Richland Township Water Dept.  
member since 2003  
Hemlock, MI



**Donald Rohraff**

*City of Livonia*  
member since 2003  
Livonia, MI  
734-466-2607

**Robert Roland**

*Frenchtown Water*  
member since 2015  
Monroe, MI  
734-915-8801

**Kevin Roney**

*City of Garden City DPS*  
member since 1993  
Garden City, MI  
734-793-1805

**Thomas Rook**

*Perceptive Service & Operations*  
member since 1985  
Plainwell, MI  
269-762-6999

**Randall W. Root**

*Lansing Board of Water and Light*  
member since 1995  
Lansing, MI  
517-702-6114

**Casey Rose**

member since 2013  
Marquette, MI

**Joan B. Rose**

*Michigan State University Stores*  
member since 1986  
East Lansing, MI  
517-432-4412

**Mark A. Rose**

member since 1984  
Escanaba, MI  
906-786-3291

**Ron Rose**

*Water District #1 of Midland County*  
member since 1993  
Sanford, MI  
989-687-2709

**Rosedale Products Inc.**

member since 2010  
Ann Arbor, MI  
734-665-8201

**Scott Roselle**

*City of Novi*  
member since 2013  
Novi, MI  
248-735-5644

**Andrew S. Ross**

member since 1988  
Dearborn, MI  
313-791-0796

**Brian J. Ross**

*Genesee County WWS*  
member since 1993  
Linden, MI  
517-321-2002

**Gary Roth**

*Water District No. 1 of Midland County*  
member since 2003  
Sanford, MI  
989-687-2709

**Thomas Rounds**

*Dixon Engineering, Inc.*  
member since 2010  
Lake Odessa, MI

**Christopher C. Rovig**

*Michigan State University Utilities*  
member since 2015  
East Lansing, MI  
517-353-1760

**Donald E. Row Jr.**

*Severn Trent Envrnmntl Services Inc.*  
member since 2000  
Hamilton, MI  
269-751-0560

**Steven Rowland**

member since 2004  
Saint Clair Shores, MI  
586-246-0949

**Justin Roy**

*City of Traverse City*  
member since 2011  
Traverse City, MI  
231-922-4923

**Jason Rozell**

*City of Rochester Hills Water Department*  
member since 2014  
Rochester Hills, MI  
248-656-4685

**Christopher Rumsey**

*Village of Vermontville*  
member since 2014  
Vermontville, MI  
517-726-1444

**Randall E. Russell**

*Michigan City Dept of Water Works*  
member since 1975  
Michigan City, IN  
219-874-3228

**Steven Robert Rutkowski**

*Spicer Group*  
member since 2013  
Saginaw, MI

**Kenneth Rutkowski**

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

**Steven James Ryan Sr.**

*Ryan's Modern Sewer Cleaning*  
member since 1997  
Grand Rapids, MI  
616-437-1132

**Ryan's Modern Sewer Cleaning**

member since 2002  
Grand Rapids, MI  
616-458-3993

**Wayne T. Rybak**

*City of Rochester Hills*  
member since 1993  
Rochester Hills, MI  
586-752-2004

**Richard M. Rzczkowski**

*City of Berkley*  
member since 2008  
Berkley, MI  
248-658-3490

**S****Bruce R. Sabin**

*Fleis & Vandenbring Engineering*  
member since 1984  
Ada, MI  
616-868-0166

**William Sadler**

*Adrian Water Department*  
member since 2015  
Adrian, MI  
517-264-4825

**City of Saginaw**

member since 1984  
Saginaw, MI  
989-759-1662

**Saginaw Chippewa Indian Tribe**

member since 2001  
Mt Pleasant, MI

**Saginaw-Midland Water Supply**

member since 1989  
Bay City, MI  
989-684-2220

**City of St. Clair**

member since 1974  
Saint Clair, MI  
810-329-7121

**City of St. Ignace**

member since 1978  
Saint Ignace, MI  
906-643-9670

**City of St. Louis**

member since 1957  
Saint Louis, MI  
989-681-3567

**Anne Saliers**

*Holland Board of Public Works*  
member since 2013  
Holland, MI  
616-355-1658

**Imad Salim**

*Wade Trim*  
member since 2010  
Detroit, MI  
313-961-3650

**Terry Samann**

*Village of Vermontville*  
member since 2014  
Vermontville, MI  
517-726-1444

**Justin Sand**

member since 2015  
St. Clair Shores, MI

**Jerry D. Sanders**

member since 2000  
Twin Lake, MI  
313-277-7586  
Larry D. Sanford

**City of Ann Arbor Utilities**

member since 1979  
Ann Arbor, MI  
734-994-2840

**Edward Santiago**

*BASF Corporation*  
member since 2015  
Wyandotte, MI  
734-324-2686

**Bob Santure**

*H2o Towers LLC*  
member since 2012  
Saline, MI  
734-429-1828

**Biren Saparia**

*Detroit Water & Sewerage Department*  
member since 2012  
Detroit, MI

**Scott Sarasin**

*All Stars*  
member since 2015  
Milford, MI  
248-390-4212

**David Savant**

*Ej*  
member since 2006  
East Jordan, MI  
231-536-4540

**Don Saville**

*Custom Service & Design, Inc.*  
member since 2015  
Auburn Hills, MI  
248-340-9005

**Bridget Sawmiller**

member since 2014  
Bloomfield Hills, MI  
248-885-4853

**Ron Schaefer**

*Wolverine Power Systems*  
member since 2015  
Zeeland, MI  
616-844-8920

**Richard R. Schafer Jr.**

member since 1995  
Kaleva, MI  
231-510-7526

**Steve Schantz**

*Ann Arbor Public Services*  
member since 2013  
Ann Arbor, MI  
734-794-6000

**Daniel S. Schechter**

member since 1991  
Birmingham, MI  
248-390-7103

**David B. Schendel**

member since 1980  
Canton, MI  
Eric W. Schiebold

**Environmental Sales, Inc.**

member since 1997  
Southfield, MI  
248-569-9393

**Eric A. Schiesswohl**

member since 1993  
Saginaw, MI  
989-791-9870

**Ken Schippers**

*Village of Vicksburg*  
member since 2004  
Vicksburg, MI

**Dan Schlaff**

*Village of Dexter Utilities*  
member since 2012  
Dexter, MI  
734-426-4572

**Michael G. Schlegelmann**

*City of Troy, Mich.*  
member since 1996  
Troy, MI  
248-885-1981

**Robert Schliska**

member since 1998  
Saginaw, MI  
989-753-1031

**Katherine Schlutow**

*Bloomfield Township*  
member since 2013  
Bloomfield Hills, MI  
248-594-2802

**Kris Schlutow**

member since 2015  
Huntington Woods, MI  
586-489-0192

**Brian D. Schmidt**

member since 1988  
Saint Joseph, MI  
269-983-0718

**Ray Schmidt**

*City of Chelsea*  
member since 2014  
Chelsea, MI  
734-475-1771

**Leslie E. Schmidtke**

*Grosse Ile Dept. of Pub Wks*  
member since 1988  
Grosse Ile, MI  
734-676-5959

**David E Schmucker**

member since 2015  
Sparta, MI  
616-690-2104

**Allan E. Schneck**

*City of Rochester Hills*  
member since 2011  
Rochester Hills, MI  
248-656-4685

**James E. Scholl**

member since 1986  
Okemos, MI  
517-303-5584

**Garry Scholten Jr.**

*Allendale Township Water*  
member since 1999  
Allendale, MI  
616-895-5142

**Brad S. Schotanus**

*Dixon Engineering, Inc.*  
*/c/o Heidi Stoneman*  
member since 1992  
Lake Odessa, MI  
630-220-1410

**Gary T. Schrader**

*Niles Township D.P.W.*  
member since 1990  
Niles, MI  
269-684-5647

**Julie Schroeder**

*Chikaming Township Water Dept.*  
member since 2005  
Harbert, MI  
269-469-1676

**Brian Schulte**

*City of Roseville*  
member since 2008  
Macomb, MI

**Darold Schultz**

*Thomas Township*  
member since 1992  
Saginaw, MI  
989-781-6438

**Lucinda Schultz**

*City of Jackson*  
member since 2012  
Jackson, MI  
517-768-6073

**Lonnie Schulz**

*Village of Elkton*  
member since 2012  
Elkton, MI  
989-375-2270

**Wendy Schultz**

*City of Ann Arbor Water Treatment Plant*  
member since 2013  
Ann Arbor, MI

**Paul Schumi**

member since 2006  
630-485-9870

**Marcus Schweisthal**

*City of Farmington*  
member since 2015

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

**Douglas A. Scott**  
*Rowe Professional Services Company*  
member since 2007  
Flint, MI  
810-341-7500

**Jerry R. Scott**  
*Worth Township PW*  
member since 2001  
Lexington, MI  
810-359-2742

**Kipp H. Scott**  
member since 1999  
Blissfield, MI  
517-486-3261

**Mark Scott**  
*Algonac Water Dept.*  
member since 2011  
Algonac, MI  
810-794-3281

**Randy M. Scott**  
*Spc Services, LLC*  
member since 1992  
Escanaba, MI  
906-233-9360

**Robert A. Scull**  
*City of Saline*  
member since 2000  
Saline, MI

**Jeffrey Sears**  
*Charter Township of Grand Blanc*  
member since 2015  
Grand Blanc, MI  
810-424-2706

**Sebewaing Light & Water Dept**  
member since 2013  
Sebewaing, MI  
989-883-2700

**Paul Seeger**  
*Michigan Rural Water Assoc.*  
member since 1979  
Allen, MI  
989-429-7591

**Randy Seida**  
*West Side Water*  
member since 2014  
Lansing, MI  
517-485-5476

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

**Robert D. Seif**  
member since 1980  
Lowell, MI  
616-897-7041

**Harry D. Sellers**  
*CH2M HILL*  
member since 2011  
Traverse City, MI  
331-620-4819

**John Selmi**  
member since 2005  
Pinckney, MI  
313-387-2642

**Howard Blair Selover**  
*F&V Operations*  
member since 2015  
Grand Rapids, MI

**Craig Selover**  
*Selover Consulting*  
member since 2002  
Naples, FL  
239-529-2063

**Mary Lynn Semegen**  
*Detroit Water & Sewerage Department*  
member since 2004  
Detroit, MI  
313-561-6083

**John W. Seppi**  
member since 1987  
Chatham, MI  
906-439-5608

**Edward T. Serwatowski**  
*Village of Armada*  
member since 1981  
Armada, MI  
586-784-9151

**Thomas R. Seymour**  
member since 1992  
East Lansing, MI  
517-332-4771

**Traci Shaffer**  
*City of Wyoming*  
member since 2005  
Wyoming, MI  
616-261-3582

**Bradley Shaw**  
*Kawkawlin Metropolitan District Water*  
member since 2011  
Kawkawlin, MI

**Ronald E. Shaw**  
*Jackson City Water Department*  
member since 1993  
Jackson, MI  
517-768-6107

**Liane Shekter Smith**  
*MDEQ-ODWMA*  
member since 1978  
Lansing, MI

**Liane J. Shekter Smith**  
*MDEQ-ODWMA*  
member since 1997  
Marshall, MI  
517-284-6543

**Gregory S. Sheldon**  
*Zeeland Board of Public Works*  
member since 1996  
Zeeland, MI

**Rick Sheltrow**  
*City of Iron River*  
member since 2015  
Iron River, MI

**Ravelle Shepherd**  
*Worldtech*  
member since 2015  
Southfield, MI  
313-682-9104

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

**Steven J. Sienkiewicz**  
*Peoplegro LLC*  
member since 1984  
Dearborn Heights, MI  
313-282-2052

**Timothy Sikma**  
*City of Wixom*  
member since 2000  
Highland, MI

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

**Silversmith Inc.**  
member since 2015  
Gaylord, MI  
877-732-8988

**Timothy J. Simmons**  
*Village of Saranac*  
member since 2015  
Saranac, MI

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

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

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

**Janice M. Skadsen**  
member since 1985  
Ann Arbor, MI

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

**Barry Skutt Jr.**  
*Saginaw Chippewa Indian Tribe*  
member since 2008

**John A. Slattery**  
*City of Saginaw*  
member since 1998  
Saginaw, MI  
989-759-1641

**Michael Slomski**  
*Plainfield Township Water Department*  
member since 1994  
Belmont, MI  
616-364-7174

**Cresson Slotten**  
*City of Ann Arbor*  
member since 2008  
Ann Arbor, MI

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

**Bill Smeda**  
*Allied Mechanical Services*  
member since 2013  
Hudsonville, MI  
616-669-4800

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

**Justin Smith**  
*St. Johns Water Treatment Plant*  
member since 2015  
Herman Snay

**Kelly R. Smith**  
member since 2002  
Warren, MI  
586-215-5794

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

**Michael R. Smith**  
member since 1990  
South Boardman, MI  
231-369-4262

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

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

**Thomas A. Smith**  
*Prein & Newhof*  
member since 1994  
Grand Rapids, MI  
616-364-8491

**City of Saline**  
member since 2011  
Saline, MI  
734-944-2003

**John Snethkamp**  
member since 1983  
Wyandotte, MI

**William J. Snyder**  
*City of Harper Woods*  
member since 1999  
Harper Woods, MI  
313-343-2570

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

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

**Albert Sodman**  
*St. Johns Water Treatment Plant*  
member since 2005  
Saint Johns, MI  
989-224-8944

**James L. Solberg**  
*Solberg, Knowles & Associates*  
member since 1996  
Newaygo, MI  
231-652-1934

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

**Lenny J. Solomon**  
*Clow Valve Co.*  
member since 2012  
Troy, MI  
248-302-1110

**Shaun Somers**  
member since 2015  
Chesterfield, MI  
810-488-1361

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

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

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

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

**Nicole Bettina Spieles**  
*Greeley and Hansen LLC*  
member since 2014  
Detroit, MI  
313-628-0730

**Christine V. Spitzley**  
*Tri-Cnty Reg Planning Comm*  
member since 1994  
Lansing, MI  
517-393-0342

**Thomas R. Spitzner**  
*City of Kalamazoo*  
member since 1989  
Kalamazoo, MI  
269-337-8758

**Donald Spurr**  
member since 1973  
Troy, MI  
586-436-1765

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

**St. Johns Water Treatment Plant**  
member since 2002  
Saint Johns, MI

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

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

**Tom Stanojevic**  
*American Cast Iron Pipe Co.*  
member since 1999  
Chicago, IL  
810-523-9613

**City of Stanton**  
member since 2016  
Stanton, MI  
989-831-9332

**K. Blake Stark**  
*NSF International*  
member since 1990  
Ann Arbor, MI  
734-769-5480

**Patrick J. Staskiewicz**

Ottawa County Road Commission  
member since 1993  
Grand Haven, MI  
616-850-7208

**Jeremy E. Statler**

Spring Lake Township DPW  
member since 2006  
Spring Lake, MI  
616-502-2167

**Daniel Staunton**

City of Hartford  
member since 2008  
Hartford, MI  
269-621-2477

**Terry Steenhagen II**

City of Kentwood  
member since 2000  
Grand Rapids, MI  
616-554-0767

**Brian D. Steglitz**

City of Ann Arbor  
member since 1997  
Ann Arbor, MI

**Ronald F. Steinbrink**

Macomb Township Water & Sewer  
member since 2003  
Macomb, MI  
586-598-0687

**Harold E. Steward II**

City of Monroe  
member since 2002  
Monroe, MI  
734-241-5947

**Dale Stewart**

Northern Pump & Well  
member since 2010  
Lansing, MI  
877-477-1757

**Daniel Stickel**

Waterford Township  
Dept. of Public Works  
member since 2012  
Waterford, MI  
248-618-7451

**David L. Stinson**

Northern Pump & Well  
member since 2004  
Lansing, MI  
517-322-0219

**Daniel Stockard**

member since 2015  
Oxford, MI  
248-568-7150

**Michelle Stocker**

member since 2014  
Escanaba, MI  
269-436-0551

**Andrew J. Stone**

Village of Wolverine Lake  
member since 2002  
Wolverine Lake, MI  
248-624-1710

**Nelson Stone**

member since 2015  
North Muskegon, MI

**Joy Stothard**

City of Bay City  
member since 2014  
Bay City, MI  
989-894-8340

**Mark R. Strahan**

Village of Blissfield  
member since 1989  
Blissfield, MI  
517-486-2550

**Thomas Stressman**

City of Cedar Springs  
member since 2013  
Cedar Springs, MI  
616-696-1330

**Robert Strykowski**

member since 2012  
Lake Linden, MI  
906-296-8541

**Bob Stucker**

City of Fenton Water Plant  
member since 1988

**Charles V. Suchodolski**

Bay County Department of Water  
and Sewer  
member since 2011  
Bay City, MI  
989-684-3883

**Ervin J. Suida**

City of Howell  
member since 1999  
Howell, MI  
517-223-4745

**Steven Sujkowski**

member since 2015  
Saginaw, MI  
989-245-1578

**Don Sumption**

Carrollton Township  
member since 2004  
Saginaw, MI  
989-754-4611

**Charles Sundblad**

City of Caro  
member since 2002  
Caro, MI  
989-673-2571

**Larry D. Sundling**

member since 2006  
Rapid River, MI  
906-280-7354

**Janet Supanich**

Village of L'Anse  
member since 1999  
Pelkie, MI  
906-524-5880

**Superior Township Utility Department**

member since 1978  
Ypsilanti, MI  
734-480-5500

**James J. Surhigh**

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

**James Susan**

Fishbeck Thompson Carr Huber  
member since 1977  
Grand Rapids, MI  
616-464-3734

**Bryan Sutton**

City of Flushing  
member since 1997  
Flushing, MI  
810-659-5665

**Shimo Svabic**

City of Wyoming  
member since 2010  
Wyoming, MI  
616-530-7260

**Keith M. Swaffar**

NTH Consultants, Ltd.  
member since 1998  
Northville, MI  
313-237-3939

**Seth Swanson**

OHM Advisors  
member since 2015  
Livonia, MI  
734-466-4502

**Doug Sweeris**

City of Allegan Wastewater Plant  
member since 2015  
Allegan, MI  
269-686-1117

**City of Sylvan Lake**

member since 1989  
Sylvan Lake, MI  
248-682-1440

**Matthew B. Sype**

City of Flat Rock  
member since 2001  
Flat Rock, MI  
734-782-2470

**David Szlag**

Oakland University  
member since 2015  
Rochester, MI  
248-370-4064 ext 9213027

**T****Terri Tabor-Conerway**

Detroit Water & Sewerage Dept.  
member since 2005  
Detroit, MI  
313-964-9485

**Matt Tagget**

Bridgeport Charter Township  
member since 2015  
, MI

**Tyrone Talifer**

T & N Services, Inc.  
member since 1997  
Detroit, MI

**Tank Industry Consultants**

member since 1985  
Indianapolis, IN  
317-271-3100

**Diane Tapio**

Republic Township  
member since 2005  
Republic, MI  
906-376-8827

**Jim L. Tardani**

City of Wyoming  
member since 1999  
Holland, MI  
616-399-7849

**Greg Tatar**

Genoa Township MHOG Wtr Auth  
member since 2006  
Brighton, MI  
810-227-5225

**Kelly Tatlock**

City of Wyoming  
member since 2011  
Holland, MI  
616-399-6511

**Adam Taylor**

Greenfield Resources Corporation  
member since 2015  
Troy, MI

**Calvin Lee Taylor**

Charter Township of Ausable  
member since 1993  
Oscoda, MI  
989-739-9169

**Michael Taylor**

Grand Blanc TWP  
member since 2007  
Grand Blanc, MI  
810-424-2640

**Robert M. Taylor**

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

**Mark J. TenBroek**

CDM Michigan Inc.  
member since 1987  
Detroit, MI  
313-230-5615

**Jon P. Terres**

member since 1998  
Alma, MI

**Bob Tervonen**

City of Ironwood Water Utility  
member since 2009  
Ironwood, MI  
906-932-5050

**Thomas M. Teske**

Ej  
member since 1979  
East Jordan, MI  
231-536-4428

**Christopher Tesone**

USALCO  
member since 2010  
Poland, OH  
330-418-4422

**Steve Teunis**

member since 2001  
Charlevoix, MI  
616-846-7016

**Kirk Tews**

City of Midland  
member since 2007  
Midland, MI

**Jodie Theis**

City of Wyoming Public Works  
member since 2013  
Wyoming, MI  
616-560-7260

**Terry Thenikl**

Plainfield Township Water Dept.  
member since 2006  
Grand Rapids, MI  
616-363-9660

**Les Therrian**

City of St. Ignace  
member since 1995  
Saint Ignace, MI  
906-643-9671

**Michelle Thibideau**

Village of Centreville  
member since 2014  
Centreville, MI  
269-467-6409

**Ernie Thomas**

City of Belding  
member since 1993  
Belding, MI  
269-794-1900

**Pat Thomas**

City of Grosse Pointe Park  
member since 2004  
Grosse Pointe Park, MI  
313-822-5100

**Scott Thomas**

Iron Mountain Water Department  
member since 2010  
Iron Mountain, MI  
906-774-0722

**Brad Thomas**

Birch Run Township  
member since 2007  
Birch Run, MI  
989-233-9317

**Laura Anne Thome**

Detroit Water & Sewerage  
Department  
member since 2005  
Detroit, MI  
313-926-8136

**Christopher D. Thompson**

member since 1998  
East Lansing, MI  
571-702-6521

**Julie Thompson**

Holland Board of Public Works  
member since 2008  
Holland, MI  
616-355-1630

**Joellen C. Thompson**

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

**Thomas Thompson**

Village of Manchester  
member since 2015  
Manchester, MI  
734-428-7171

**John Thompson**

Liquiforce Services, Inc (USA)  
member since 2007  
Romulus, MI  
734-955-2508

**Jim Thompson**

member since 2012  
Flint, MI

**Mark Thornton**

City of St. Joseph  
member since 2012  
Saint Joseph, MI  
269-983-1240

**City of Three Rivers**

member since 1976  
Three Rivers, MI  
269-273-1845

**Brian E. Thurston**

MDEQ ODWMA Cadillac District  
member since 1995  
Cadillac, MI  
231-590-3430

**Zachery Thurston**

member since 2014  
Lansing, MI  
517-242-2706



## Clark Tibbe

Ottawa County Public Utilities  
member since 1997  
Grand Haven, MI  
616-842-5400

## David A. Timm

member since 1978  
Rockford, MI  
616-295-5702

## Piper C. Tittle

member since 2000  
Edwardsburg, MI  
269-663-8583

## Christopher G. Townley

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

## Township of Marquette

member since 1975  
Marquette, MI

## Mike Tracy

Michigan State University Utilities  
member since 2014  
East Lansing, MI

## Jon Trammell

member since 2016  
Petoskey, MI

## Mary J. Trapp-Gunst

Plainfield Charter Township  
member since 2008  
Grand Rapids, MI  
616-363-9660

## John F. Traynor

Hydro-Meter Systems Inc.  
member since 2001  
Pontiac, MI  
248-343-6400

## Trenton Corporation

member since 1993  
Ann Arbor, MI  
734-424-3600

## Thomas W. Trice

Bloomfield Township  
member since 2005  
Bloomfield Hills, MI  
248-594-2800

## Rohit D. Trivedi

Arcadis  
member since 1986  
Detroit, MI  
313-324-4008

## Paul D. Trospier

City of Troy, Mich.  
member since 2015  
Troy, MI  
248-524-3395

## Kyle Tryan

member since 2009  
Coloma, MI  
906-241-0184

## Mel Tuchowski

Garlock Sealing Technologies  
member since 2015  
Kingsford, MI  
906-221-1198

## Gary L. Tuhacek

City of Fennville  
member since 1983  
Fennville, MI  
269-561-2444

## William Turner

member since 2007  
Romulus, MI  
734-699-8900

## Robert J. Tutsock

Saginaw Valley State University  
member since 1993  
University Center, MI  
989-964-4080

## Kevin Tyler

City of Linden  
member since 2012  
Linden, MI  
810-735-7980

## Nancy Tyree

EJ  
member since 2009  
East Jordan, MI  
231-536-2261

## Austen Tyrer

member since 2014  
Midland, MI  
989-329-5346

## U

## Donald Uitvlugt

City of Wyoming  
member since 2015  
Dorr, MI  
616-681-2236

## Murat Ulasir

Orchard, Hiltz & McCliment, Inc.  
member since 2005  
Livonia, MI  
734-466-4472

## Rick Lee Updike

City of Plainwell, #111  
member since 2006  
Plainwell, MI  
269-544-1505

## Aaron Uranga

Hubbell, Roth and Clark, Inc.  
member since 2011  
Canton, MI

## USABlueBook

member since 1994  
Gurnee, IL  
800-548-1234

## V

## Amy Vail

City of Cadillac  
member since 2006  
Cadillac, MI  
230-775-2368

## John H. Van Arsdel

M.E. Simpson Company, Inc.  
member since 1990  
Valparaiso, IN  
800-255-1521

## James J. Van De Wege

Holland Board of Public Works  
member since 1988  
Holland, MI  
616-355-1698

## Charles Van Der Kolk

Zeeland Board of Public Works  
member since 1985  
Zeeland, MI  
616-772-6212

## Tom E. Van Der Kolk

Holland Charter Township  
member since 1984  
Holland, MI  
616-396-1891

## Brian R. Van Dyken

Plainfield Township Water  
Department  
member since 2015  
Grand Rapids, MI  
616-706-6280

## James C. Van Harn

Grandtech Inc.  
member since 1994  
Byron Center, MI  
616-878-1000

## Frederick J. Van Luven

Tilden Township  
member since 1986  
Ishpeming, MI  
906-486-6580

## Steven P. Van Oast

member since 1998  
Macomb, MI  
586-228-1986

## Mark A. Van Port Fleet

member since 2004  
Dimondale, MI  
517-719-1721

## Lloyd Van Slooten

Zeeland Board of Public Works  
member since 1995  
Zeeland, MI  
616-772-6212

## John Van Uffelen

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

## John G. Van Uffelen

Holland Board of Public Works  
member since 1978  
Holland, MI  
616-355-1642

## Michael R. Van Wagner

Village of Howard City  
member since 2014  
Howard City, MI

## Christopher D. Van Wormer

Fer-Pal Construction USA, LLC  
member since 2012  
Taylor, MI  
734-624-5321

## Theodore VanAken

member since 2012  
Grand Rapids, MI  
616-355-1539

## Jesse B. VanDeCreek

Hubbell, Roth & Clark, Inc.  
member since 2005  
Bloomfield, MI

## Sam Vanden Berg

City of Grand Rapids  
member since 2011  
West Olive, MI  
616-456-3931

## Steven R. VandenBrink

Fleis & VandenBrink Engrg. Inc.  
member since 1993  
Grand Rapids, MI  
616-977-1000

## Tim Vander Schaaf

member since 2003  
Spring Lake, MI  
616-842-0080

## Joseph A. Vander Stel

Grand Haven Water Treatment Plant  
member since 1988  
Grand Haven, MI  
616-847-3487

## Benjamin Vanderhulst

Holland Board of Public Works  
member since 2015  
Holland, MI

## Brian Vanderlaan

Plainfield Township Water  
Department  
member since 2015  
Grand Rapids, MI

## Lucas VanderZee

City of Harbor Springs  
member since 2014  
Harbor Springs, MI

## Daryl R. Vandyke

Kalamazoo Lake Water & Sewer  
member since 1997  
Grand Rapids, MI

## Diane Vandyke

Evoqua Water Technologies  
member since 2015  
Holland, MI  
616-772-9011

## Geneva Vanlerberg

LBWL  
member since 2009  
Williamston, MI  
616-206-6299

## Kevin VanSickle

Genesee County  
Water & Waste Services  
member since 2005  
Flint, MI  
810-600-4150

## Brian J. Vanveelen

City of Lowell  
member since 2012  
Lowell, MI  
616-897-5234

## Bryan Varacalle

Livingston Co Drain Comm  
member since 2014  
Howell, MI  
517-546-0040

## Gary R. Vaughan

Greeley and Hansen  
member since 1984  
Galena, OH  
740-965-8020

## Rick Velderman

City of Wyoming  
Water Treatment Plant  
member since 1996  
Holland, MI  
616-399-7847

## James Vella

Niles Charter TWP DPW  
member since 2014  
Niles, MI

## Freda W. Velzen

Holland Board of Public Works  
member since 1998  
Holland, MI  
616-355-1512

## Robert J. Veneklasen

City of Wyoming Utilities  
Department  
member since 1986  
Holland, MI  
616-669-5290

## Mark VerBerkmoes

Grand Haven Charter Township  
member since 1991  
Grand Haven, MI  
616-842-5988

## G. Jean Verbos

Gogebic Range Water Auth.  
member since 2004  
Ramsay, MI  
906-667-0465

## Thomas A. Veresh

Wade Trim & Associates  
member since 2007  
Taylor, MI  
734-947-9700

## Edward Verhamme

Limnotech  
member since 2015  
Ann Arbor, MI  
734-332-1200

## Sanjeev Verma

Fluid Equipment Development  
Company (FEDCO)  
member since 2014  
Monroe, MI  
734-241-3935

## Jay David Vermilye

Dubois Cooper Associates  
member since 2014  
Plymouth, MI  
734-455-6700

## Stephen J. Verstrat

Access Business Group LLC  
member since 2001  
Ada, MI  
616-787-6133

## Rajaram Vijayendran

Metco Services, Inc.  
member since 1997  
Warren, MI  
586-920-2620

## Village of Baraga

member since 1977  
Baraga, MI  
906-353-6795

## Village of Birch Run

member since 1998  
Birch Run, MI  
989-624-5711

## Village of Beulah

member since 2013  
Beulah, MI  
231-882-4451

## Village of Cassopolis

member since 2012  
Cassopolis, MI  
269-445-8098

## Village of Centreville

member since 2005  
Centreville, MI  
269-467-6409

## Village of Climax

member since 1983  
Climax, MI  
269-746-4174

## Village of Colon

member since 2002  
Colon, MI  
269-432-2532

## Village of Dexter Utilities

member since 2012  
Dexter, MI  
734-426-8303

## Village of Edwardsburg

member since 1978  
Edwardsburg, MI  
269-663-8484

**Village of Elkton**  
member since 1981  
Elkton, MI  
989-375-2270

**Village of Farwell**  
member since 2012  
Farwell, MI  
989-588-9530

**Village of Homer**  
member since 1998  
Homer, MI  
517-568-4321

**Village of Howard City**  
member since 2014  
Howard City, MI

**Village of Jonesville**  
member since 2014  
Jonesville, MI  
517-849-2104

**Village of Kalkaska**  
member since 1987  
Kalkaska, MI  
231-258-9191

**Village of Kingsley**  
member since 2003  
Kingsley, MI  
231-263-7778

**Village of Lake Odessa**  
member since 1977  
Lake Odessa, MI  
616-374-7228

**Village of Mackinaw City**  
member since 1986  
Mackinaw City, MI  
231-436-5652

**Village of Mayville**  
member since 1996  
Mayville, MI  
989-843-6621

**Village of Middleville**  
member since 2013  
Middleville, MI  
269-795-3385

**Village of Pinckney**  
member since 1991  
Pinckney, MI  
734-878-0666

**Village of Romeo**  
member since 2014  
Romeo, MI  
586-752-2684

**Village of Shelby**  
member since 1993  
Shelby, MI  
231-861-2500

**Village of Shepherd**  
member since 1989  
Shepherd, MI  
989-828-5062

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

**Village of Union City**  
member since 2015  
Union City, MI  
517-741-8591

**Village of Vicksburg**  
member since 2004  
Vicksburg, MI  
269-649-1919

**Village of Webberville**  
member since 2011  
Webberville, MI  
517-375-8671

**Lynn Vis**  
*City of Wyoming*  
member since 2015  
Wyoming, MI  
616-261-3560

**Judy N. Visscher**  
*Holland Board of Public Works*  
member since 2007  
Holland, MI  
616-355-1210

**Uldis G. Vitins**  
member since 1990  
Canton, MI  
734-453-3460

**Paul J. Vogel**  
*Greeley and Hansen LLC*  
member since 1987  
Chicago, IL  
312-558-9000

**Jeff D. Volkers**  
*Holland Charter Township*  
member since 1999  
Holland, MI  
616-396-1891

**Richard Gray Vreeland**  
*City of Gobles*  
member since 1998  
Gobles, MI  
269-628-5370

**Nathan M. Vriesman**  
*Vriesman & Korhorn Civil Engineers*  
member since 2003  
Byron Center, MI  
616-277-2185

## W

**Rich Wackerle**  
*Allied Mechanical Services*  
member since 2013  
Hudsonville, MI  
616-669-4800

**Brian A. Wadaga**  
*Village of Baraga*  
member since 2008  
Baraga, MI  
906-353-6795

**Matt Wade**  
*City of Grand Haven*  
*Dept. of Public Works*  
member since 2015  
Grand Haven, MI

**Trevor S. Wagenmaker**  
*Hubbell, Roth & Clark*  
member since 1995  
Bloomfield Hills, MI

**Kimberly Wahl**  
member since 2008  
Burt, MI  
989-928-1576

**Joe Wahlfield**  
*City of Wyoming*  
member since 2012  
Wyoming, MI  
616-530-7260

**Randal Ray Waites**  
*Charter Township of Genesee*  
member since 1996  
Genesee, MI

**Jeremy Walker**  
*U.S. Army*  
member since 2015  
Warren, MI

**Lisa M. Wallick**  
*Metco*  
member since 2004  
Saint Clair Shores,

**Ned P. Walter**  
*Sagenaw Charter TWP*  
member since 1980  
Saginaw, MI  
989-529-9806

**Jason Walters**  
*Village of Farwell*  
member since 2015  
Farwell, MI

**Gerald R. Wangelin**  
*Macomb Township*  
member since 2009  
Macomb, MI

**Jerry Ward**  
*Waterford Township*  
*Dept. of Public Works*  
member since 2012  
Waterford, MI

**John K. Warner**  
*Muskegon Cty Dept. of Pub. Wks.*  
member since 2003  
Muskegon, MI  
231-724-6411

**Naubert Warner**  
*City of Dearborn Heights*  
member since 2004  
Dearborn Heights, MI  
313-791-6007

**Timothy A. Warner**  
*Isabella County Drain Office*  
member since 1989  
Mount Pleasant, MI

**Brian Warren**  
member since 2008  
Plainwell, MI  
906-399-2909

**Jeff Warren**  
*Village of Peck*  
member since 2000  
Peck, MI  
810-378-5090

**Brian Washburn**  
member since 1995  
Marysville, MI  
810-364-9808

**Ondrea J. Washington**  
*Detroit Water & Sewerage*  
*Department*  
member since 1989  
Detroit, MI  
313-204-8174

**Washington Township**  
**Water & Sewer**  
member since 2003  
Washington, MI  
586-752-9740

**Water District #1**  
**of Midland County**  
member since 1979  
Sanford, MI  
989-687-2709

**Waterford Township**  
**Dept. of Public Works**  
member since 2012  
Waterford, MI  
248-618-7464

**Sue Watson**  
*City of Dowagiac*  
member since 1973  
Dowagiac, MI  
269-782-8200

**Eric J. Way**  
member since 1979  
Grand Ledge, MI

**City of Wayland**  
member since 1980  
Wayland, MI  
269-792-0686

**Jeff Webb**  
*City of Riverview*  
member since 2016  
Riverview,

**Allen A. Weber**  
*Etna Supply Company*  
member since 1986  
Grand Rapids, MI  
616-514-5164

**James A. Webster**  
*City of Howell*  
member since 1991  
Howell, MI  
517-546-5309

**Teresa Weed Newman**  
*Project Innovations, Inc.*  
member since 2007  
Farmington Hills, MI  
248-310-3435

**Duane Weeks**  
*Village of Middleville*  
member since 2011  
Middleville, MI  
269-795-2094

**Maureen L. Wegener**  
*C2AE*  
member since 1982  
Lansing, MI  
517-371-1200

**Dave Weiler**  
*Hampton Township*  
member since 2014  
Essexville, MI  
989-892-4841

**James A. Weinberg**  
*Village of Colon*  
member since 2008  
Colon, MI  
269-432-2532

**Richard Weirich**  
*Frenchtown Water*  
member since 1999  
Newport, MI  
734-289-1015

**William Weirich**  
*City of Wyandotte*  
member since 2004  
Wyandotte, MI  
734-324-7142

**Matthew C. Weldon**  
*Plainfield Township Water Dept*  
member since 1991  
Grand Rapids, MI  
616-363-9660

**Ken Wenglikowski**  
*Bangor Monitor Metro District*  
member since 2013  
Bay City, MI  
989-684-2570

**Ken Wesley**  
*UIS Scada*  
member since 2014  
Dexter, MI

**Jack West**  
*City of Farmington*  
*Water Department*  
member since 2015

**Robert M. West**  
*Hartland Township*  
member since 2015  
Hartland, MI  
810-632-1075

**West Side Water**  
member since 1980  
Lansing, MI  
517-485-5476

**Barb Westerberg**  
*City of Reed City*  
member since 2015  
Reed City, MI

**Westerman Companies**  
member since 1986  
Bremen, OH  
740-569-4143

**Scott D. Westover**  
*Ypsilanti Community*  
*Utilities Authority*  
member since 2001  
Ypsilanti, MI

**Judy A. Westrick**  
*Tamarack Environmental*  
*Laboratories, LLC*  
member since 1996  
Washington, MI  
906-630-2552

**Daniel J. Whalen**  
*Williams & Works, Inc.*  
member since 1991  
Grand Rapids, MI  
616-224-1500

**Tony White**  
*Mueller Co.*  
member since 1997  
Downers Grove, IL  
630-725-1895

**W. Curtis White**  
*White IEQ Consultants*  
member since 1988  
Midland, MI  
989-708-4610

**City of Whitehall**  
member since 2014  
Whitehall, MI  
231-894-4048

**Benjamin Whitehead**  
*Black & Veatch*  
member since 2005  
Grand Rapids, MI  
616-459-2360

**Keith Whittington**  
*City Of Marquette*  
member since 2007  
Marquette, MI  
906-250-6129

**Todd Wibright**  
*City of Grandville*  
member since 2006  
616-365-9246

**Karlyn L. Wickham**  
*Michigan Water Environment*  
*Association*  
member since 2011  
Bath, MI  
517-641-7377

**Greg Wicklund**  
member since 2012  
Farmington Hills, MI  
248-613-8705

**Glen Wiczorek**

City of Ann Arbor (WTP)  
member since 2014  
Ann Arbor, MI  
734-214-2519

**Gary Wiedmayer**

Village of Manchester  
member since 1998  
Manchester, MI  
734-428-8360

**Karl Wiegand**

Globe Fire Sprinkler Corporation  
member since 2010  
Standish, MI

**Kevin Eugene Wierenga**

Ottawa County Road Commission  
member since 2003  
Grand Haven, MI  
616-850-7234

**Ron Wight**

City Of Newaygo  
member since 2003  
Newaygo, MI  
231-652-7984

**Robert W. Wilcox**

Fleis & Vandenbrink Engineering, Inc.  
member since 2003  
Grand Rapids, MI  
616-977-1000

**Rich Wiles**

City of Troy  
member since 2014  
Troy, MI

**John A. Willemin**

member since 2001  
Grand Rapids, MI  
616-575-3824

**Andrew J. Willetts**

City of Troy  
member since 2014  
Troy, MI

**Brad Willey**

City of Monroe  
member since 2014  
Monroe, MI  
731-241-6074

**Doug Robert Williams**

Linwood Metro Water  
member since 2012  
Linwood, MI  
989-697-5532

**Gary L. Williams**

Jones & Henry Engineers  
member since 1988  
Cincinnati, OH  
513-515-6010

**James R. Williams**

Peerless-Midwest, Inc.  
member since 1985  
Mishawaka, IN  
574-252-4140

**Michael J. Williams**

Peerless-Midwest, Inc.  
member since 1987  
Mishawaka, IN  
574-254-9050

**Russell Williams**

Waterford Township  
Dept. of Public Works  
member since 2015  
Waterford, MI  
248-618-7462

**Russell Williams**

Negaunee Township Water System  
member since 2013  
Negaunee, MI  
906-475-7869

**Steven E. Williams**

Williams & Works, Inc.  
member since 2003  
Grand Rapids, MI  
616-224-1500

**Joseph W. Wilson**

Allegan  
member since 2015  
Allegan, MI  
269-686-1116

**Allen Wilson**

member since 2004  
Detroit, MI  
313-928-0915

**Allen R. Wilson**

Sand Piper Estates  
member since 2000  
810-359-7001

**James A. Wilson**

City of Trenton DPS  
member since 1998  
Trenton, MI  
734-676-1853

**Joseph M. Wilson**

Michigan State University  
member since 1999  
Saint Johns, MI  
989-224-2495

**Michael H. Winegard**

AECOM  
member since 1981  
Wheaton, IL  
312-373-6631

**Marlin Wingard**

Eagle Harbor Township  
member since 2012  
Eagle Harbor, MI  
906-289-4407

**Lyle Edward Winn**

Anderson, Eckstein,  
and Westrick, Inc.  
member since 2014  
Shelby Township, MI

**Matt Wisniewski**

Dake Corporation  
member since 2015  
Grand Haven, MI  
800-866-4423

**Eric W. Witte**

member since 1986  
Melvindale, MI  
313-218-7910

**City of Wixom**

member since 2005  
Wixom, MI  
248-624-0141

**Brian L. Wohlscheid**

Municipal Supply Company  
member since 1987  
Portland, MI  
517-647-6597

**Arlene Wojda**

United Water  
member since 2007  
Lachine, MI  
989-356-0757

**Andrew Wolanin**

Suez-Na  
member since 2016  
Wixom, MI

**Brian L. Wolf**

City of Wyoming  
member since 1992  
Wyoming, MI  
616-530-7260

**William Wolfson**

Detroit Water & Sewerage  
Department  
member since 2014  
Detroit, MI

**Bruce L. Wood**

Huron Charter Township DPW  
member since 1989  
New Boston, MI

**Bryon Wood**

HDR  
member since 2005  
Ann Arbor, MI  
734-332-6438

**Bryan Woodbeck**

East Lansing Meridian Water Auth.  
member since 2001  
East Lansing, MI  
517-337-7535

**Kameron Woodcock**

City of Monroe  
member since 2016  
Monroe, MI

**Nichole Woodward**

City of Ann Arbor  
member since 2006  
Ann Arbor, MI  
734-794-6000

**Terry L. Woodward**

Fishbeck, Thompson,  
Carr & Huber, Inc.  
member since 1997  
Southfield, MI  
248-204-5900

**Gary A. Wozniak**

DEQ  
member since 1999  
Kalamazoo, MI  
269-491-3107

**Brian Wozny**

City of Walled Lake  
member since 2007  
Walled Lake, MI  
248-624-4847

**Conuetta Wright**

City of Ann Arbor Water Plant  
member since 2015  
Canton, MI  
734-994-2840

**Mark Wright**

Badger Meter Mfg Co.  
member since 2004  
, AL  
810-223-2170

**Michael Wright**

member since 2013  
Clarkston, MI  
248-296-4158

**Thomas F. Wright**

City of Fenton  
member since 1999  
Fenton, MI  
810-629-2261

**Bari Wrubel**

City of Marysville Wtr Filtration Plant  
member since 2010  
Marysville, MI  
810-364-8460

**Dennis E. Wuerfel Sr.**

member since 1979  
Au Gres, MI  
989-697-5085

**David B. Wunder**

Calvin College, Dept. of Engrg.  
member since 1993  
Grand Rapids, MI  
616-526-6337

**Matthew S. Wurtz**

City of Grand Blanc  
member since 1999  
Grand Blanc, MI  
810-694-5420

**Michael C. Wurts**

City of Lapeer  
member since 2011  
Lapeer, MI  
810-664-6887

**Wyandotte Municipal Services**

member since 1972  
Wyandotte, MI  
734-324-7111

**Johnie P. Wyatt**

member since 1978  
New Carlisle, IN  
574-654-3453

**City of Wyoming Utilities**

Department  
member since 1980  
Holland, MI  
616-399-7841

**Y**

**Ayumi Yamamoto**

NSF International  
member since 2015  
San Diego, CA  
734-827-5621

**Ronald D. Yarnell**

member since 2000  
Sanford, MI  
989-689-4319

**Alex A. Yavich**

member since 1997  
Grand Rapids, MI  
616-975-0847

**Yinyin Ye**

member since 2013  
Ann Arbor, MI

**David Yoder**

Village of Unionville  
member since 2007  
Unionville, MI  
989-674-2244

**Kyana R.L. Young**

Michigan State University  
member since 2011  
Lansing, MI  
520-591-9069

**Timothy Young**

City of Hazel Park  
member since 2006  
Hazel Park, MI  
248-542-0340

**Herbert H. Yount**

City of Monroe Water Filtration  
member since 1999  
Monroe, MI  
734-241-5947

**Ypsilanti Community Utilities**

**Authority**  
member since 1975  
Ypsilanti, MI  
734-484-4600

**Michael L. Yuresko**

Grand Blanc Township  
member since 2006  
Grand Blanc, MI  
810-564-3240

**Z**

**Scott Zastrow**

Peerless Land & Water Co., Inc  
member since 1989  
Holland, MI

**Gary Zatalokin**

City of White Cloud  
member since 1999  
White Cloud, MI  
231-689-1194

**Jay Zawacki**

member since 2014  
Ann Arbor, MI  
313-230-5607

**Tim Zebell**

City of St. Joseph  
member since 2006  
Saint Joseph, MI  
269-983-5541

**Zeeland Board of Public Works**

member since 1993  
Zeeland, MI  
616-772-6212

**Jennifer Zelski**

Hamlett Environmental  
Technologies Co.  
member since 2007  
Howell, MI  
517-294-7512

**Thomas Zemba**

member since 2011  
Menominee, MI  
906-630-6719

**Fangyun Zhong**

member since 2015  
East Lansing, MI

**Richard W. Ziehmer**

member since 1999  
Richmond, MI  
734-680-5560

**Christine E. Ziemba**

United Water  
member since 2010  
Wixom, MI  
248-960-0870

**Bruce F. Zimmerman**

Mackinac Public Works Department  
member since 1990  
Mackinac Island, MI  
906-847-6130



# SECTION LEADERSHIP

## 2015-2016 MI-AWWA BOARD OF TRUSTEES

Chair	Barbara Marczak
Chair-Elect	John Willemín
Vice Chair	Christine Spitzley
Past Chair	Randall W. Roost
Director	Brian Steglitz
Incoming Director	Mark Coleman
Secretary/Treasurer	Brian Thurston
Trustees	Bruce Bartley 13-16 Bill Fritz 13-16 Bill Maier 14-17 Amy Vail 15-18 Clyde Dugan 15-18

## BOARD COMMITTEES AND TASK FORCES

<b>BYLAWS</b>	Pat Staskiewicz
<b>COUNCIL OF PAST OFFICERS</b>	Randall Roost
<b>FINANCE COMMITTEE</b>	Brian Thurston, Chair
<b>HISTORIC PRESERVATION COMMITTEE</b>	Tom Newhof, Chair
<b>NOMINATIONS COMMITTEE</b>	Mark Coleman, Chair
<b>PLANNING &amp; STRATEGY COMMITTEE</b>	Brian Steglitz, Chair Mark Coleman

## PAST OFFICERS

### PAST CHAIRS

Randall Roost	2015	Sault Ste. Marie
Tom Smith, Grand Rapids	2014	Manistee
Pat Staskiewicz, Ottawa County	2013	Grand Rapids
Mark Coleman, Detroit	2012	Shanty Creek Resorts
Brian Steglitz, Ann Arbor	2011	Mission Point Resort
Troy Gallagher, Escanaba	2010	Mt. Pleasant
Mike Williams, Mishawaka, IN	2009	Traverse City/Acme
Khalil Atasi, Detroit	2008	Kalamazoo
Dave Koch, Holland/Grand Rapids	2007	Sault Ste. Marie
Timothy D. McNamara, Grand Rapids	2006	Treetops Resort
Jim Van De Wege, Holland	2005	Boyne Highlands
Tim LeTourneau, Grand Rapids	2004	Grand Rapids
Patsy Clark, Grand Rapids	2003	Shanty Creek
Wm. Elgar Brown, Lansing	2002	Mackinac Island
Gerald Caron, Wyoming	2001	Treetops Resort
Janice Skadsen, Ann Arbor	2000	Marquette
Bruce Hawkinson, Norway	1999	Boyne Highlands
Charles Van Der Kolk, Zeeland	1998	Grand Rapids
Sue McCormick, Lansing	1997	Shanty Creek
Paul Mattausch, Kalamazoo	1996	Kalamazoo
William Dixon, Lake Odessa	1995	Grand Traverse
William Kelley, Lansing	1994	Mackinac Island
Thomas Newhof, Grand Rapids	1993	Dearborn
Warren Isaacson, Escanaba	1992	Lansing
John A. DeKam, Bay City	1991	Shanty Creek
Curtis C. Cowles, Lowell	1990	Flint
Antenore "Butch" Davanzo, Detroit	1989	Grand Rapids
Wilfred L. LePage, Monroe	1988	Grand Traverse
Donald E. Swan, Saline	1987	Grand Rapids
John C. O'Malia, Lansing	1986	Boyne Mountain
Gordon E. Olivier, Lansing	1985	Kalamazoo
Ronald H. Bowen, Traverse City	1984	Mackinac Island
John Wagner, Jr., Farmington Hills	1983	Grand Traverse
Kenneth Squiers, Waterford Twp	1982	Grand Rapids
Raymond J. Smit, Ann Arbor	1981	Detroit
Virgil Langworthy, Lansing	1980	Mackinac Island
William P. Fishback, Lansing	1979	Traverse City
Wayne H. Abbott, Jr., Ann Arbor	1978	Southfield
Thomas McPherson, Cadillac	1977	Kalamazoo
William C. Ewing, Flint	1976	Traverse City
Ernest Cedroni, Detroit	1975	Lansing
Robert W. Bretz, Oak Park	1974	Boyne Falls
Francis J. D'Amour, Escanaba	1973	Grand Rapids
Raymond M. Harwood, Flint	1972	Flint
John M. Holland, Ann Arbor	1971	Boyne Falls
Ervin H. A. Stahl, Lansing	1970	Detroit
Donald K. Shine, Wyoming	1969	Traverse City
Charles A. Froman, Jr., Saginaw	1968	Ann Arbor
Arthur C. Michael, Detroit	1967	Grand Rapids
Robert Haw, Flint	1966	Traverse City

## COUNCILS AND THEIR COMMITTEES AND TASK FORCES

<b>CONFERENCE &amp; RECOGNITION COUNCIL</b>	Dave Stinson, Chair
Annual Conference Program	Christine Spitzley
Association Service Nomination	Janice Skadsen Jerry Caron
Faust Award	Brian Steglitz Brock Howard
Fuller Award	Khalil Atasi
Joint Expo	Jennifer Zelski
Manufacturer's Advisory	Ira Gabin
Contests	Mike Schlegelmann
<b>COMMUNICATIONS COUNCIL</b>	Cindy Irving, Chair
Community Awareness	Dave Stinson Gary Wozniak
<b>EDUCATION &amp; TRAINING COUNCIL</b>	Bob Miller, Chair
Regional Meeting	Ray Berkin
Small Community Water Systems	Chris Kenyon
UP Coordinating	Mike Trombly Cory Larson
Youth Education	Mike Grenier

Stuart H. Bogue, Detroit	1965	Saginaw
Joseph M. Rogeven, Jackson	1964	Detroit
Albert Sabo, Kalamazoo	1963	Grand Rapids
Gerald Remus, Detroit	1962	Lansing
Tony Eikley, Traverse City	1961	Detroit
Herbert L. Keinath, Frankenmuth	1960	Traverse City
Leo V. Garrity, Detroit	1959	Saginaw
Robert E. Hansen, Mt. Clemens	1958	Grand Rapids
Walter E. Smith, Detroit	1957	Detroit
Claud R. Erickson, Lansing	1956	Kalamazoo
Herschel O. Self, Flint	1955	Flint
Douglas Feben, Detroit	1954	Muskegon
E. D. Berrett, Detroit	1953	Escanaba
Louis E. Ayres, Ann Arbor	1952	Battle Creek
George Hazy, Wyandotte	1951	Benton Harbor
Jack E. Cooper, Detroit	1950	Detroit
John F. Dye, Lansing	1949	Traverse City
Paul Stegeman, Midland	1948	Flint
Everett D. Cattell, Jackson	1947	Bay City
R. Lee Sensabaugh, Muskegon	1946	Traverse City
Earl L. Holloway, Flint	1945	Grand Rapids
Earl L. Holloway, Flint	1944	Jackson
Louis B. Harrison, Bay City	1943	Ann Arbor
Harrison H. Caswell, Ann Arbor	1942	No Conference
Leo E. McQueen, Coldwater	1941	Grand Rapids
Rene J. LaMarre, Detroit	1940	Ann Arbor

## TRUSTEES

Amy Vail	2015-	Troy Gallagher	2004-2007
Clyde Dugan	2015-	David Morse	2004-2007
Bill Maier	2014-	Sharon Hudson	2004-2006
Liane Shekter Smith	2014-2016	Mike Williams	2003-2006
Bruce Bartley	2013-	Khalil Atasi	2003-2005
Bill Fritz	2013-	Christine Spitzley	2002-2005
Jaime Fleming	2012-2016	David Koch	2003-2004
Carrie Ricker Cox	2014-2015	R. Douglas Trembeth	2001-2004
John Willemín	2012-2014	Robert Veneklasen	2001-2004
Joel Annable	2011-2014	Roger Olson	2000-2003
Joe Moore	2011-2014	Tom Spitzner	2000-2003
Barbara Marczak	2010-2013	Timothy McNamara	2001-2003
Paul Reinsch	2010-2013	James Van De Wege	1999-2002
Tom DeLaura	2009-2012	Timothy LeTourneau	1999-2001
Randall Roost	2008-2012	Vincent Ferrarese	1998-2001
Tom Smith	2007-2011	Thomas Idema	1998-2001
Brian Thurston	2008-2011	H. Gary Peters	1997-2000
Paul Retel	2008-2010	Donald R. Spencer	1997-2000
Pat Staskiewicz	2008-2010	Richard Husby	1996-1999
Mark Coleman	2006-2009	Ken Mendenhall	1996-1999
Brian Steglitz	2006-2008	Bruce Jerome	1995-1998
Lori Cipparone	2005-2008	James Reinhold	1995-1998
Michael Averill	2005-2008		

## GOVERNMENT AFFAIRS COUNCIL

MI-WARN	Molly Maciejewski, Chair
MEMBERSHIP COUNCIL	Tim Neumann
Diversity	Mike Williams, Chair
Membership Recruitment & Retention	Alando Chappell
Young Professionals	Carrie Ricker Cox Chuck Van DerKolk
Water Sector Careers	Matt Parks
TECHNICAL NETWORKS COUNCIL	Tina Pawlak
Asset & Infrastructure Mgmt	Geneva Vandenburg, Chair
Distribution Practices	Sally Duffy
Groundwater/Source Water Protection	Dan Sorek
Lab Practices	Vacant
Maintenance	Jon Dmitruk
Research & Technical Practices	Chuck Kronk
Safe Water in Ecuador	Bruce Bartley
Safety Practices	Benjamin Whitehead Jessica Howard
Water Security	Hugo Cardenas
Water Treatment Practices	Bill Maier Steve Liebrecht
	Peter Schwarz

## DIRECTORS

Mark Coleman	2016-	Donald K. Shine	1974-1977
Brian Steglitz	2013-2016	Stuart Bogue	1971-1974
David Koch	2010-2013	T. L. Vander Velde	1968-1971
Jerry Caron	2007-2010	Gerald Remus	1965-1968
Janice Skadsen	2004-2007	Claud Erickson	1962-1965
Charles Van Der Kolk	2001-2004	Herschel O. Self	1959-1962
Sue McCormick	1998-2001	Edward D. Barrett	1956-1959
William Kelley	1995-1998	Louis E. Ayres	1953-1956
John A. DeKam	1992-1995	Earl E. Norman	1951-1953
Donald E. Swan	1989-1992	Raymond J. Faust	1950-1951
Kenneth M. Squiers	1986-1989	Rene J. LaMarre	1947-1950
Ervin H. A. Stahl	1983-1986	Harrison H. Caswall	1944-1947
Wayne H. Abbott, Jr.	1980-1983	Laurence G. Lenhardt	1941-1944
John Holland	1977-1980	George H. Fenkell	1938-1941

## SECRETARY/TREASURERS

Brian Thurston	2010-	Gordon E. Olivier	1976-1982
Eric J. Way	1997-2010	C. C. Crumley	1967-1976
Wm. Elgar Brown	1992-1997	T. L. Vander Velde	1949-1967
Richard S. Sacks	1987-1992	Raymond J. Faust	1944-1949
James K. Cleland	1982-1987	Maurice N. Gerardy	1939-1944

## ASSISTANT SECRETARY/TREASURERS

David A. Timm	1997-2010	Eric J. Way	1982-1983
Eric J. Way	1992-1997	James K. Cleland	1976-1982
Wm. Elgar Brown	1989-1992	Gordon E. Olivier	1967-1976
Sheryl Thelen Topliff	1987-1989	C.C. Crumley	1966-1967
Richard S. Sacks	1983-1987		

# PAST AWARD RECIPIENTS

## GEORGE WARREN FULLER MEMORIAL AWARD

Randall Roost	Lansing	2016
Tom Idema	East Jordan	2015
Mark Coleman	Detroit	2014
Gary S. Logsdon	Lake Ann	2013
Khalil Z. Atasi	Detroit/Maitland, FL	2012
David S. Koch	Holland/Grand Rapids	2011
James J. Van De Wege	Holland	2010
Dave Timm	Grand Rapids	2009
Jerry Caron	Wyoming	2008
Bradley B. Brogren	Lansing	2007
Patsy S. Clark	Grand Rapids	2006
William J. Dixon	Lake Odessa	2005
Janice Skadsen	Ann Arbor	2004
Eugene A. Glysson	Ann Arbor	2003
Charles Van Der Kolk	Zeeland	2002
Eric J. Way	Lansing	2001
Sue McCormick	Lansing	2000
Thomas Newhof	Grand Rapids	1999
Wm. Elgar Brown	Lansing	1998
Warren L. Isaacson	Escanaba	1997
John A. DeKam	Bay City	1996
Curtis Cowles	Lowell	1995
John C. O'Malia	Lansing	1994
Donald E. Swan	Saline	1993
Wilfred L. LePage	Monroe	1992
James K. Cleland	Lansing	1991
Kenneth Squiers	Pontiac	1990
Clifton Albers	Grand Haven	1989
William A. Kelley	Lansing	1988
William C. Ewing	Flint	1987
Ronald H. Bower	Traverse City	1986
Cletus L. Courchaine	Escanaba	1985
Virgil Langworthy	Lansing	1984
Wayne H. Abbott Jr.	Ann Arbor	1983
Gordon E. Olivier	Lansing	1982
Robert E. Hansen	Mt. Clemens	1981
A. L. Wilcox	Walled Lake	1980

## RAYMOND J. FAUST AWARD

Jon Bloemker	MDEQ	2015
Larry Sanford	Ann Arbor	2015
Patrick Staskiewicz	Ottawa County	2014
Mark Coleman	Detroit	2014
Brock Howard	Lansing	2013
Brian Steglitz	Ann Arbor	2013
Mike Averill	Wyoming	2012
Pat Cook	Lansing	2012
Gary Logsdon	Lake Ann	2011
Ray Berkin	Allegan	2011
Christine Spitzley	Lansing	2010
Bill Maier	Lansing	2010
David Koch	Holland/Grand Rapids	2010
Richard Benzie	Lansing	2009
Don DeGrand	Gwinn	2008
David Morse	Niles	2008
Jim Lahti	Lansing	2007
Tim McNamara	Grand Rapids	2007
Randall Roost	Lansing	2006
James Van De Wege	Holland	2006
Ira Gabin	Dewitt	2005
Bob Veneklasen	Muskegon	2005
Dave Timm	Grand Rapids	2004
Jerry Caron	Wyoming	2004
Michael Roon	Wyoming	2003
Joe Hipskind	Grand Rapids	2002
Vince Ferrarese	Plainfield Twp	2002
Bruce Hawkinson	Norway	2001
Tom Idema	Wyoming	2001
H. Gary Peters	Saginaw-Midland	2000
Janice Skadsen	Ann Arbor	2000
Patsy Clark	Grand Rapids	1999
Ken Mendenhall	Shelby	1999
William Kelley	Lansing	1998
Charles Van Der Kolk	Zeeland	1998
William Dixon	Lake Odessa	1997
John O'Malia	Lansing	1997
Clyde Dugan	Lansing	1996
Bradley Brogren	Lansing	1996
Richard Husby	Lansing Twp	1995
Warren Isaacson	Escanaba	1995
Susan McCormick	Lansing	1994
Richard Sacks	Lansing	1994
James Biener	Grand Rapids	1993
Lynda Dominguez	Lansing	1993
Curtis Cowles	Lowell	1992
Kenneth Nefe	Midland	1992
Orlin Loen	Kalamazoo	1991
Gregory Sowa	Saginaw	1991
Duane Bowditch	Grand Rapids	1990
Wm. Elgar Brown	Lansing	1990
Ivan Fasel	Traverse City	1989

## RAYMOND J. FAUST AWARD *continued*

Paul Mattausch	Benton Harbor	1989
Willus Lambers	Holland	1988
Thomas Newhof	Grand Rapids	1988
John Erickson	Escanaba	1987
Gerald Goshorn	Alma	1987
Thomas Ledger	Greenville	1986
Eric J. Way	Lansing	1986
Donald Saladin	Lansing	1985
James Van De Wege	Wyoming	1985
T. Harry Daubenspeck	Holland	1984
Henry T. Lane	Detroit	1984
Robert Bretz	Oak Park	1983
John DeKam	Bay City	1983
Clifton Albers	Grand Haven	1982
Wilfred LePage	Monroe	1982
Willard Morley	Gladstone	1981
Louis VanDinther	Muskegon	1981
Leno Alexander	Norway	1980
Thomas McPherson	Cadillac	1980

## HONORARY MEMBERS

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

Ronald Hayes	Detroit	2015
Scott Hamelink	Lansing	2014
Alex Chimpouras	MHOQ	2013
Barry Korhour	Byron-Gaines	2012
	Utility Authority	
Mike Grenier	Holland	2011
Greg Gorman	Wyoming	2009
Robert Peter	MHOQ	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 WATER UTILITY HALL OF FAME

Donald K. Shine	Wyoming	2003
Louis Ayres	Ann Arbor	1996
Gardner S. Williams	Ann Arbor	1982

## OUTSTANDING SERVICE TO AWWA

Charles Van Der Kolk		2015
William A. Kelley		2008
Donald K. Shine		1985

## AWWA LANDMARKS

John Dye Water Conditioning Plant	2014
Mt. Clemens Water Filtration Plant	2005
Sault Ste. Marie Water Storage Tank	1996
Grosse Pointe Farms Water Treatment Plant	1994
Marine City Water Works	1992
Lake Superior Water Works Swedetown Standpipe, Calumet	1991
Alpena Water Treatment Plant	1991
Harry D. Bennetts	1988
Monroe Waterworks Filtration Plant	1985
Ann Arbor Barton Dam and Impoundment	1985
Grand Rapids Monroe Ave. Water Plant	1980

## AMBASSADOR AWARD

Eric J. Way	Lansing	1999
Gregory Sowa	Saginaw	1997
Gordon E. Olivier	Lansing	1981

## PLATINUM PRESIDENTIAL AWARD

Eric J. Way	Grand Ledge	2014
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## SILVER PRESIDENTIAL AWARD

Eric J. Way	Lansing	1999
Gordon E. Olivier	Lansing	1981

## JACK A. BORCHARDT AWARD

Eugene A. Glysson	Ann Arbor	2011
Eric J. Way	Grand Ledge	2011
Thomas Newhof	Grand Rapids	2008
James Cleland	Lansing	2005
Richard Force	Ann Arbor	2002
Dan Wolz	Wyoming	1999
Wallace Rogalski	Saginaw	1996
Wayne H. Abbott Jr.	Ann Arbor	1993
Arthur Maass	Midland	1990
William J. Redman	Lansing	1988
Ervin H. A. Stahl	Lansing	1986
Jack E. Cooper	Plymouth	1983

## YOUNG PROFESSIONAL OF THE YEAR AWARD

Patrick Droze		2015
Carrie Ricker Cox		2014
Jaime Petrovich		2013
Dave Harran		2012
Dave Schroeder		2011
Dan Kitchen		2010
Jeff Glover		2009
Matt Tomlinson		2008
Dan Lewis		2007
Brian Steglitz		2006
Kris Philip		2006

## THE GIMMICKS AND GADGETS AWARD

Paul Zumbach	Genesee Charter Township	2012
Bill Martin	Plainfield Township	2011
Richard Hardin	City of Sterling Heights	2010
Stan Sanders	City of Bay City	2009
Ronald Caryl	Sumpter Township	2008
Andrew Parrott	City of Midland	2007
Dan Weaver	City of Midland	2007
Ralph Brecken	City of Lowell	2006

## RICHARD HUSBY PUBLIC AWARENESS AWARD

Erin Campbell		2014
Michael O'Malley		2013
Susan Denning		2012
David Morse		2011
Gary Wozniak		2010
Dennis Williams		2009
Mary Jane Robinson		2008
City of Kalamazoo's Wellhead Protection Team		2007
Christine Kosmowski		2006
Pat Idema		2005
Mark Coleman		2004
Mike Roon		2003
Christine Spitzley		2002
Vincent Ferrarese		2001
Lynda Crites		2000
Richard Husby		1999
Chuck Van Der Kolk		1998
Robert Scheuerman		1997
Patsy S. Clark		1996
Brad Brogren		1995

## GOLD WATER DROP AWARD

William Kelley	2014	John M. Holland	2008
Gary Logsdon	2014	Patrick W.	2008
Thomas Newhof	2014	McAvinchey	
Daniel Stock	2012	Kenneth F. Nefe	2008
Jack Chidister	2011	Francis D. Newell	2008
Cletus Courchaine	2011	Kenneth M.	2008
James Hubbell	2011	Squiers	
Gerald Goshorn	2010	Anthony V.	2008
Wilfred LePage	2010	Stuppnig	
Harry D. Bennetts	2009	Paul E. Vankooten	2008
Ernest Cedroni	2009	Parry Baer	2007
John A. Grasel	2009	Donald Holley	2007
W. Gordon Miller	2009	Emmett Lowry	2007
William C. Ewing	2008	William Richards	2007

## SILVER WATER DROP AWARD

Joel A. Annable	2015	Mark Rose	2014
David Burkett	2015	Bruce Sabin	2014
Clyde R. Dugan	2015	Steven	2014
Ira M. Gabin	2015	Sienkiewicz	
Glen Michel	2015	Tom Van Der Kolk	2014
Thomas Rook	2015	Martin Hage	2014
Charles	2015	David Rich	2014
Van Der Kolk		Terry Alexa	2013
Michael G. Blom	2015	James Heath	2013
Donald J. DeGrand	2015	Brock Howard	2013
Guy Forstrom	2015	David Koss	2013
Timothy D.	2015	Charles Lieberman	2013
McNamara		John Meyer	2013
Stephen C. Nichols	2015	Barry Simescu	2013
Janice M. Skadsen	2015	John Snetikamp	2013
David Bratt	2014	Gary Tuhacek	2013
Gregory Brown	2014	Jerry Wilson	2013
Donald French	2014	Brett Yardley	2013
Raymond Hildinger	2014	Harold Bajema	2012
Charles (Bill)	2014	Steven Boss	2012
		Michael Call	2012
		Daniel Dalzell	2012
		Wayne Langeland	2014
		Steven Lawry	2014
		John Premo	2014
		Maureen Wegener	2012

## LIFE MEMBERS

Clyde Dugan	2015	Steve Hohensee	2010
Brock Howard	2015	Bruce Jerome	2010
Steve Sierkiewicz	2015	Jack Jewett	2010
Gary Tuhacek	2015	David Morse	2010
Harold Bajema	2014	Tim Roache	2010
Martin Hage	2014	David Scheldt	2010
Charles (Bill)	2014	Harold Sheats	2010
Ireland		Robert Seif	2010
Donald Link	2014	Douglas R. Dail	2009
David Rich	2014	Albert M. Dewitt	2009
Barry Simescu	2014	George E. Hubbell	2009
Jerry Wilson	2014	Robert H. Kuhn	2009
James Heath	2013	F. Keith Oldewurtel	2009
John Meyer	2013	John E. Raczek	2009
Robert Dalzell	2012	Larry D. Sanford	2009
Bill Beauchaine	2011	Paul Seegert	2009
Henry Binder	2011	Arthur L.	2009
Jerry Caron	2011	Shufflebarger	
Mike Chesher	2011	Thomas M. Teske	2009
Vic Chichester	2011	Frank M.	2009
Mark Coleman	2011	Tymowski	
William Fazer	2011	David W. Upmeyer	2009
Malcolm Fox	2011	Eric J. Way	2009
Dan Gebrowsky	2011	Dennis E.	2009
David Hand	2011	Wuefel Sr.	
Bob Kimmer	2011	Luther Brodbeck	2008
Art Maass	2011	A. Craig Burandt	2008
Kirk Page	2011	John DeKam	2008
Jim Rabadieux	2011	Thomas Hollis	2008
Ed Serwatowski	2011	Paul Hudson	2008
Mike St. Bernard	2011	H. Andrew Kaatz	2008
Gary Trese	2011	Harry Kleinman	2008
Dennis Williams	2011	Charles Kronk	2008
Thomas Biehl	2010	Larry Moehlman	2008
Ronald Brondyke	2010	Dave Timm	2008
Bruce Clark	2010	John Van Uffelen	2008
David Herman	2010	Donald Wiedyke	2008

(Life Members prior to 2008 are not listed)

# 2016 BUYERS' GUIDE



American Water Works Association  
**Michigan** Section

## 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.
2. An alphabetical listing of the companies appearing in the first section.  
This listing includes name, contact info, website and more.

## CATEGORIES

### ACCESS HATCHES

EJ

### AIR STRIPPING

Medora Corp.,  
home of SolarBee and GridBee brands

### CHEMICAL/GASES

TGO Technologies

### CHEMICAL PROCESSING & FEED SYSTEMS

ARCADIS  
Franklin Miller Inc.  
Fluid Process Equipment  
TGO Technologies  
Waterworks Systems & Equipment, Inc.

### COATINGS, LININGS, & CORROSION CONTROL

Utility Service Group

### CONSTRUCTION CASTINGS

EJ

### CONTRACTORS

HD Supply Waterworks  
Kerr Pump & Supply

### CSO & STORMWATER EQUIPMENT

Hydro International

### CSO/SSO CONTROLS, WATER RESOURCES, DISTRIBUTION & COLLECTION

AECOM  
CDM Smith Michigan Inc.  
Fishbeck, Thompson, Carr & Huber, Inc.  
Greeley and Hansen  
Hubbell, Roth & Clark, Inc.  
Hydro International

### DATA MANAGEMENT

Eramosa

### DISINFECTION/EQUIPMENT

TGO Technologies

### ELECTRICAL INSTRUMENTATION/ CONTROLS/GENERATORS

AECOM  
Fishbeck, Thompson, Carr & Huber, Inc.  
Kerr Pump & Supply  
Peerless-Midwest, Inc.  
UIS SCADA Inc.

### ELECTRONIC VALVES

Cla-Val

### ENGINEERS/CONSULTANTS

AECOM  
ARCADIS  
CDM Smith Michigan Inc.  
Dixon Engineering, Inc.  
Eramosa  
Fishbeck, Thompson, Carr & Huber, Inc.  
Greeley and Hansen  
Hubbell, Roth & Clark, Inc.  
Kerr Pump & Supply  
Williams & Works, Inc.

### ENVIRONMENTAL CONTAMINANT TREATMENT SYSTEMS

TGO Technologies

### FILTER MEDIA

Layne Christensen  
Peerless-Midwest, Inc.  
Utility Service Group

### FILTRATION

Kennedy Industries, Inc.  
Layne Christensen  
Fluid Process Equipment  
Utility Service Group  
Waterworks Systems & Equipment, Inc.

### FINANCIAL SERVICES

ARCADIS

### FRP DOORS & GRATING

J.G.M. VALVE CORP.

### GENERAL INDUSTRIAL

Franklin Miller Inc.

### GEOGRAPHIC INFORMATION SYSTEMS

CDM Smith Michigan Inc.

### GRIT REMOVAL

Hydro International

### ICE PIGGING PIPES

Utility Service Group

### INSPECTORS/LOCATORS

Dixon Engineering, Inc.



## LABORATORIES/SUPPLIES

KAR Laboratories, Inc.  
Prein & Newhof

## LABORATORY TESTING

KAR Laboratories, Inc.

## MANHOLE COVERS & FRAMES

EJ

## MANHOLE REHABILITATION

LiquiForce

## METERS/METER TESTING

M.E. Simpson Co., Inc.  
SLC Meter LLC  
UIS SCADA Inc.  
United Systems & Software

## METER READING SYSTEMS

SLC Meter LLC  
United Systems & Software  
Utility Service Group

## ODOR CONTROL SOLUTIONS

Bluewater Engineered Storage Systems  
J.G.M. VALVE CORP.  
Kennedy Industries, Inc.  
Layne Christensen  
Medora Corp.,  
home of SolarBee and GridBee brands  
Prein & Newhof  
PVS Technologies  
Waterworks Systems & Equipment, Inc.

## OPERATION SERVICES

American Cast Iron Pipe Company  
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## PIPE & APPURTENANCES

Bluewater Engineered Storage Systems  
Forterra  
HD Supply Waterworks  
Krausz USA  
SLC Meter LLC

## PIPE REPAIR PRODUCTS

Krausz USA

## PIPELINE REHABILITATION

LiquiForce

## PROCESS MECHANICAL

CDM Smith Michigan Inc.

## PUMPS/PUMP SYSTEMS

Fishbeck, Thompson, Carr & Huber, Inc.  
Fluid Process Equipment  
HD Supply Waterworks  
Hubbell, Roth & Clark, Inc.  
J.G.M. VALVE CORP.  
Kennedy Industries, Inc.  
Kerr Pump & Supply  
Layne Christensen  
Peerless-Midwest, Inc.  
Prein & Newhof  
Vesconite

## PUMP REPAIR & FIELD SERVICE

Kennedy Industries, Inc.

## RESIDUALS/WASTE MANAGEMENT

ARCADIS  
Greeley and Hansen  
Hydro International  
Waterworks Systems & Equipment, Inc.

## SAFETY PRODUCTS

TGO Technologies

## SCADA SYSTEMS

UIS SCADA Inc.

## SEPTAGE RECEIVING FACILITIES

Franklin Miller Inc.

## STORAGE TANKS/RESERVOIR SYSTEMS

AECOM  
Bluewater Engineered Storage Systems  
Dixon Engineering, Inc.  
DN Tanks, Inc.  
Hubbell, Roth & Clark, Inc.  
Pittsburg Tank & Tower Maintenance Co.  
Utility Service Group

## SURVEYING

Prein & Newhof

## TANK MAINTENANCE & INSPECTIONS

Pittsburg Tank & Tower Maintenance Co.

## TRANSFER SWITCHES

UIS SCADA Inc.

## UTILITY BILLING SOFTWARE

United Systems & Software

## UV DISINFECTION

Fluid Process Equipment

## VALVE ASSESSMENTS/HYDRANT FLOW TESTING/SMOKE TESTING

M.E. Simpson Co., Inc.

## VALVES

American Cast Iron Pipe Company  
Cla-Val  
EJ  
HD Supply Waterworks  
J.G.M. VALVE CORP.  
Kennedy Industries, Inc.  
Kerr Pump & Supply  
M.E. Simpson Co., Inc.  
SLC Meter LLC  
UIS SCADA Inc.  
United Systems & Software  
Utility Service Group

## WATER DISTRIBUTION SUPPLIES

DN Tanks, Inc.  
SLC Meter LLC

## WATER QUALITY MONITORS

Medora Corp.,  
home of SolarBee and GridBee brands

## WATER SAVING VALVES

Cla-Val

## WATER TREATMENT CHEMICALS

PVS Technologies  
Water Solutions Unlimited

## WATER/WASTEWATER TREATMENT SYSTEMS

AECOM  
ARCADIS  
Bluewater Engineered Storage Systems  
CDM Smith Michigan Inc.  
Franklin Miller Inc.  
Fishbeck, Thompson, Carr & Huber, Inc.  
Fluid Process Equipment  
Greeley and Hansen  
HD Supply Waterworks  
Hubbell, Roth & Clark, Inc.  
Hydro International  
J.G.M. VALVE CORP.  
Layne Christensen  
Medora Corp.,  
home of SolarBee and GridBee brands  
Peerless-Midwest, Inc.  
Prein & Newhof  
TGO Technologies  
Waterworks Systems & Equipment, Inc.

**A****AECOM**

Troy Naperala, PE  
10850 Traverse Highway, Suite 3365  
Traverse City, MI 49684  
231-922-4301  
troy.naperala@aecom.com  
www.aecom.com

**American-Ductile Iron Pipe**

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jordanbyrd@american-usa.com  
www.American-usa.com

**American Spiralweld Pipe**

Jordan Byrd  
1501 31st Avenue North  
Birmingham, AL 35207  
205-307-2969  
jordanbyrd@american-usa.com  
www.American-usa.com

**ARCADIS**

Bob Stevenson  
1001 Woodward Avenue, Suite 1000  
Detroit, MI 48226  
313-965-8436  
robert.stevenson@arcadis-us.com  
www.arcadis-us.com

**B****Bluewater Engineered Storage Systems**

Mark Nelson  
2000 Town Center, Suite 1000  
Southfield, MI 48075  
248-351-9773  
mnelson@bluewaterstoragesystems.com  
www.bluewaterstoragesystems.com

**C****CDM Smith Michigan Inc.**

Mark TenBroek  
645 Griswold Street, Suite 3770  
Detroit, MI 48226  
313-963-1313  
tenbroekmj@cdmsmith.com  
www.cdmsmith.com

**Cla-Val**

Jim Graber in Michigan/ Phyllis Dretzka in Costa Mesa CA  
1701 Placentia Avenue  
Costa Mesa, CA 92627  
800-942-6326  
info@cla-val.com  
www.cla-val.com

**D****Dixon Engineering, Inc.**

Ira Gabin, P.E.  
1104 Third Avenue  
Lake Odessa, MI 48849  
616-374-3221  
dixon@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****EJ**

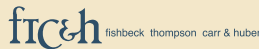
John Hunter  
301 Spring Street  
East Jordan, MI 49727  
800-626-4653  
john.hunter@ejco.com

**Eramosa**

Tim Kruse  
400 Renaissance Center, Suite 2600  
Detroit, MI 48243  
313-556-2840  
tim.kruse@eramosa.com  
www.eramosa.com

**F****Fishbeck, Thompson, Carr & Huber, Inc.**

Christopher Frilen  
1515 Arboretum Drive, SE  
Grand Rapids, MI 49546  
616-464-3715  
crfrilen@ftch.com  
www.ftch.com

**Fluid Process Equipment**

Jim Hoffman  
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**Forterra**

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Suite 600  
Irving, TX 75062  
972-266-7519  
sheila.griffin@forterrabp.com  
www.forterrabp.com

**Franklin Miller Inc.**

Dave Schuppe  
60 Okner Parkway  
Livingston, NJ 07039  
973-535-9200  
info@franklinmiller.com  
www.franklinmiller.com

**G****Greeley and Hansen**

Deborah Veal  
1001 Woodward Avenue, Suite 850  
Detroit, MI 48226  
dveal@greeley-hansen.com

**H****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 Aloclac, Suite 140  
Hillsboro, OR 97124  
866-615-8130  
www.inquirys@hydro-int.com  
www.hydro-int.com

**J****J.G.M. VALVE CORP.**

Joe Maruskin  
1155 Welch Road, Suite D  
Commerce, MI 48390  
248-926-6200  
contact@jgmvalve.com  
www.jgmvalve.com

**K****KAR Laboratories, Inc.**

Jayne Rauch  
4425 Manchester Road  
Kalamazoo, MI 49001  
269-381-9666  
jrauch@karlabs.com  
www.karlabs.com

**Kennedy Industries, Inc.**

Mark Hemeyer  
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Wixom, MI 48393  
248-684-1200  
mjh@kennedyind.com  
www.kennedyind.com



## Kerr Pump & Supply

Glenn Kline  
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Oak Park, MI 48237  
248-543-3880  
glenn@kerrpump.com  
www.kerrpump.com

## Krausz USA

Pete Brown  
331 SW 57th Avenue  
Ocala, FL 34474  
352-817-1295  
pete.brown@krauszusa.com  
www.krauszusa.com



## L

## Layne Christensen

Theodore Batkie  
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517-323-4931  
ted.batkie@layne.com  
www.layne.com

## LiquiForce

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## M

### Medora Corp., home of SolarBee and GridBee brands

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## FAREWELL WISHES TO DAN MCVAY

With more than 25 years in the industry, Regional Manager, Dan McVay, is retiring after 15 years of service with DN Tanks. He has been an active member of AWWA and was a deserving recipient of the Fuller, LaDue, Lechner and Water Wheel awards. We appreciate his years of dedication, support and commitment to our customers and to the industry. We wish Dan and his wife, Sharon, well as they embark on this new journey.



## WELCOME STEVE APPEGATE

As Dan leaves, we welcome a new addition to the DN Tanks family. We are pleased to introduce your new point of contact for your area, Steve Applegate. Please feel free to contact Steve regarding new and / or existing tank projects.



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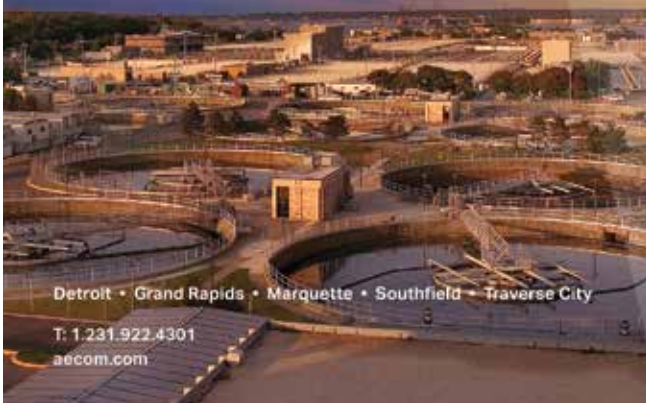
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# FLINT WATER PLANT

## Flint Water Crisis: What happened and why?



Susan J. Masten<sup>1</sup>, Simon H. Davies<sup>1</sup>, and Shawn P. McElmurry<sup>2</sup>

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<sup>2</sup> Department of Civil and Environmental Engineering, Wayne State University, Detroit, MI 48202

**T**here has been much in the news about the water crisis in Flint and the length of time that it took for government officials to react to this crisis. This paper looks into what happened to the Flint water system and why the distributed water was so corrosive.



# Flint Water Crisis: What happened and why?

DISCLAIMER: The findings and conclusions expressed in this article are those of the authors and do not necessarily reflect the official policy and position of the Michigan Section AWWA.

Beginning in 1967, Flint purchased its water from the Detroit Water and Sewerage Department (DWSD). The Flint Water Service Center (FWSC) treated Flint River water two to four times a year, for periods of a few days and the treated water was discharged into the Flint River (as per their NPDES permit). On April 16, 2014, the FWSC switched from distributing drinking water from DWSD to treating water at their facility in Flint. In doing this, the source water

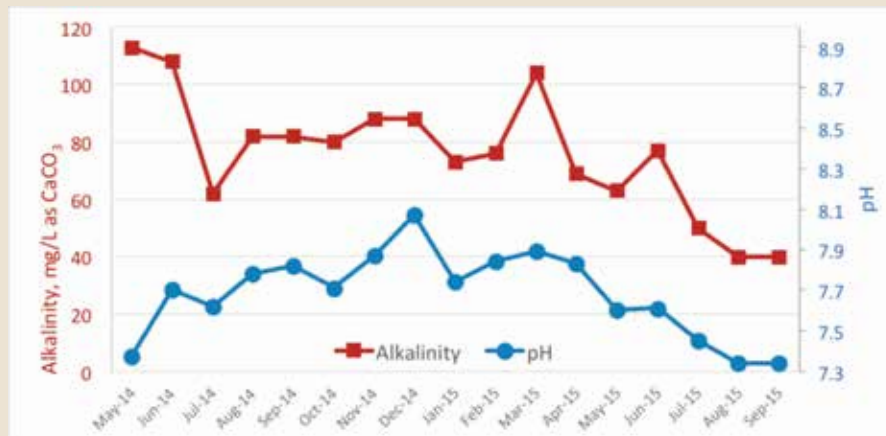
changed from Lake Huron to the Flint River. Within a few weeks of the switch, residents started complaining about the color, taste, and odor of the water. In May 2014, they informed officials that the water was causing rashes, especially in children. General Motors Corporation complained about the corrosiveness of the water toward their engine parts and switched water supplies in October 2014. Problems were also experienced in Flint with low

chlorine residuals and in August and September 2014, the water exceeded regulatory limits for *E. coli*. As a result, three boil water alerts were issued within a 22 day period. The high chlorine dosages that were used resulted in violations for total trihalomethanes (TTHMs), byproducts formed from the reactions of naturally occurring organic matter (NOM) with chlorine. With the assistance of two engineering firms, the FWSC tried to address the TTHM and bacteria problems. Initially they increased the coagulant dosage and discontinued the softening bypass stream; however, when that did not work activated carbon was recommended. After replacing the anthracite media with granular activated carbon and repairing the ozonation system, the TTHM levels were brought under control.

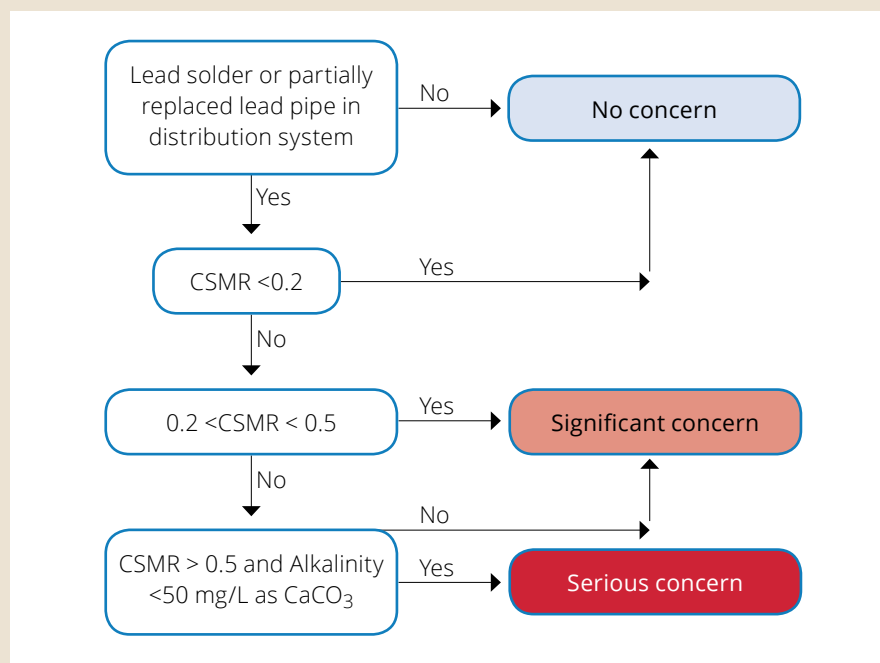
The problem that has received the most attention is the lead in the Flint water. In March 2015, the city of Flint sampled Flint resident Lee Ann Walters' home, and found high concentrations of lead in her water. Subsequent testing of 120 samples by Virginia Tech professor Marc Edwards found that the water in 24 homes contained high lead levels. In September, doctors led by a local pediatrician, Dr. Mona Hanna-Attisha, published data showing that blood lead levels (BLLs) in children increased significantly after the switch to Flint River as a water source (Hanna-Attisha et al., 2016). In the area of Flint with the highest lead levels in the water, the BLLs in children tested increased by a factor of about 2.5. After much publicity regarding the lead problem, the source water was switched back to Lake Huron treated by DWSD on October 16, 2015. As the lead levels remained high in some houses, the concentration of the phosphate corrosion inhibitor was increased on December 9, 2015, when FWSC began adding an additional ~2.5 mg/L phosphoric acid as (P), to try to enhance the formation of the protective coating on the pipes.

So what happened? The red color of the water observed by the residents

**Figure 1** Monthly average pH and alkalinity in the treated Flint River Water (from plant Monthly Operational Reports)



**Figure 2** Decision Tool for assessing potential corrosion in lead pipes (from Nguyen, et al., 2010)



was due to corrosion of the iron pipes. While FWSC took steps, such as flushing the mains by opening fire hydrants, they never seemed to address the root cause of the corrosion of the pipes. Iron corrosion is very complex. There are several reasons that the iron corroded. A corrosion inhibitor (e.g., phosphate) was not added to the water. The chloride content of the treated water was high (60-92 mg/L), and, as shown in Figure 1, the pH and alkalinity of the treated water was low. For 18 months the chloride content of the treated water was high, not only because the chloride concentration of the Flint River water was ~45 mg/L, but because ferric chloride was used as a coagulant. The pH decreased by up to one log unit as a result of the treatment. Treatment for softening and turbidity removal, along with disinfection, reduced the alkalinity by as much as 190 mg/L as CaCO<sub>3</sub>. As a result of the reduction in the pH, alkalinity, and hardness, the water was undersaturated with respect to calcium carbonate and corrosive to the iron pipes. In addition, it is possible that the corrosion problem was exacerbated by bacterial regrowth in the pipes, as a result of low chlorine residuals and the likely presence of low molecular weight-easily metabolized compounds formed from the reaction of ozone with NOM.

The reduction in pH and alkalinity and the high chloride levels in the treated water also resulted in lead corrosion. With reduced alkalinity, lead carbonate minerals (cerussite, PbCO<sub>3</sub>;

hydrocerussite, Pb<sub>3</sub>(CO<sub>3</sub>)<sub>2</sub>(OH)<sub>2</sub>) were not able to effectively passivate the lead service lines. As phosphate was not added, for 18 months phosphate minerals such as chloropyromorphite, Pb<sub>5</sub>(PO<sub>4</sub>)<sub>3</sub>Cl, or hydroxypyromorphite, Pb<sub>5</sub>(PO<sub>4</sub>)<sub>3</sub>OH were not favorable, thereby leaving the lead pipes unprotected against corrosion.


Commonly used indices could have predicted that the treated Flint River water would likely corrode the iron and lead pipes. For example, the decision tool shown in Figure 2 uses the chloride to sulfate mass ratio (CSMR) to predict the corrosivity of water towards lead piping. At the range of CSMR values found in the treated Flint River water (2.8-3.9), corrosion of lead pipes would be anticipated. As shown in Figure 1, before July 2015, the alkalinity of the water was greater than 50 mg/L as CaCO<sub>3</sub> so the corrosivity of water would have been a concern. However, after this time, the alkalinity of the water was less than 50 mg/L and the CSMR continued to greatly exceed 0.5, increasing the concern of corrosion. Similarly, corrosion indices such as the Langelier Saturation Index and Larson-Skold Index suggest that the water was likely to be corrosive to iron pipes. Finally, neither was the water treated to achieve optimal corrosion control nor was a corrosion inhibitor added while the Flint River water was being treated.

In the wake of the corrosion and lead exposure that occurred, the Michigan Department of Environmental

Quality (MDEQ) conducted extensive sampling and analysis of the Flint water. Approximately 9.6% of the samples collected as part of MDEQ's Sentinel Sampling (in February 2016) continued to have lead levels above the federal action level of 15 ppb. Seven of the 616 samples had lead levels exceeding 150 ppb, the maximum level at which the point-of-use filters provided are rated. The highest lead levels measured exceeded 3,200 ppb. Based on a more extensive data set collected by MDEQ (>13,000 samples, since September 2015), it appears that in a significant number of premises, the lead levels are still high and that it may take more than a year for lead levels to reach a point where the concentrations of all samples are below the action level. Clearly, there is much to be done before the water crisis in Flint is over.

#### Citations

Nguyen, C., Stone, K., Clark, B., Edwards, M., Gagnon, G., Knowles, A. Impact of chloride: sulfate mass ratio (CSMR) Changes on Lead Leaching in Potable Water. 2010. Water Research Foundation and US Environmental Protection Agency, Denver CO USA.

Hanna-Attisha, M., LaChance, J., Sadler, R.C., and Schnepf, A.C. Elevated blood lead levels in children associated with the Flint drinking water crisis: a spatial analysis of risk and public health response. 2016. American Journal of Public Health 0: e1-e8. 



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# MI AWWA RESEARCH AND TECHNICAL PRACTICES AWARD 2016 AWARD APPLICATION FOR FINALISTS

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Fax or mail the application with appropriate signatures. Applications must be received by **August 15, 2016**.  
All entries must be available for distribution or publication by the Michigan Section, AWWA.

### 1. Name and Nomination Authorization of Utility(s) and/or Organizations Involved in Research or Technical Practice

Utility/Organization Name: \_\_\_\_\_  
Authorized by: \_\_\_\_\_ Title: \_\_\_\_\_  
Signature: \_\_\_\_\_

Utility/Organization Name: \_\_\_\_\_  
Authorized by: \_\_\_\_\_ Title: \_\_\_\_\_  
Signature: \_\_\_\_\_

### 2. Individuals Involved in Research or Technical Practice

Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Employer: \_\_\_\_\_  
Address \_\_\_\_\_ Phone: \_\_\_\_\_  
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\_\_\_\_\_

Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Employer: \_\_\_\_\_  
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### 3. Nominated By: \_\_\_\_\_

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

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

### 4. Attach a clear and understandable summary of the Goals, Procedures, Data and Results, and Conclusions of the research or technical practice you would like considered for the "Research and Technical Practices Award."





# MI AWWA RESEARCH AND TECHNICAL PRACTICES AWARD 2016 NOMINATION FORM

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Nominations must be received by **June 15, 2016**. Electronic, faxed, or mailed nominations will be accepted. All entries must be available for distribution or publication by the Michigan Section, AWWA.

1. Name of Utility(s) and Organization(s) \_\_\_\_\_
2. Names of Individuals Involved in Research or Involved in Research or Technical Practice (Optional) \_\_\_\_\_
3. Goals of Research or Technical Practice \_\_\_\_\_
4. Summary or Conclusions of Research or Technical Practice \_\_\_\_\_
5. Nominated By: \_\_\_\_\_ Date: \_\_\_\_\_  
 Representing: \_\_\_\_\_ Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Email: \_\_\_\_\_

## WATER SECURITY SUMMIT

The Michigan AWWA Water Security committee is pleased to announce its annual Water Security Conference will be held May 18 at the Eagle Eye conference Center in Bath, Mich.

The goal of the conference is to provide municipal management with update on governmental security guidelines and networking event with other municipal leaders.

Keynote speaker will be Kevin Morley- AWWA National Water Security Preparedness Director. He will be discussing:

- Reality of the Threat Environment
- Water Sector Cyber Risk Management
- Key Available Resources

We will share an update on MIWARN and conduct tabletop exercise and hot wash group lessons learned discussions. Will qualify for .5 CECS.

For registration, visit [www.mi-water.org](http://www.mi-water.org). Member fee \$110, Non-member fee \$155.

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## REMINDER ON TRAININGS

Here's what is coming up for the remainder of the year.

### May

- 10-12** Short Course in Water Bacteriology
- 18** Lab Practices Seminar
- 18** Water Security Summit

### June

- 7** Small Systems Workforce Development Workshop
- 16** Small Systems Conference
- 19-22** AWWA ACE16 in Chicago

### August

- 30-Sep 1** Basic Math and Hydraulics Short Course

### September

- 7** Cross Connections Seminar – Advanced
- 13-16** MI-AWWA Annual Conference & Exhibits
- 27-29** Water Treatment Short Course II
- 27-29** Basic Math and Hydraulics Short Course

### October

- 4** Fall Regional Meeting – Livonia
- 5** Fall Regional Meeting – Kalamazoo
- 11-13** Distribution System Short Course
- 11-13** Limited Treatment Short Course
- 18** Fall Regional Meeting – Mt Pleasant
- 19** Fall Regional Meeting – Gaylord
- 25-26** U.P. Distribution Seminar
- TBD** Asset Management Seminar
- TBD** Health and Safety Seminar

\* Dates subject to change. Please check online for confirmed dates, times, and locations.

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## MEET JOE VANDERSTEL



Joe is the 54-year-old F1-S1 licensed Water Facilities Manager for the City of Grand Haven & Northwest Ottawa Water System. Before he attended Lake Superior State University (LSSU) and Grand Valley State University (GVSU), where he earned two associates degrees; one in Natural Resources Technology and another in Water Quality Technology as well as a

bachelor's degree in Biology, Joe graduated high school from and worked in Grand Haven where he was raised. Being a hometown man, Joe went looking for employment in West Michigan and was fortunate to find his first job in the water industry as an operator for the City of Grand Haven.

With patience and perseverance, Joe gained a good

foundation of water treatment knowledge and experience and after 16 years, was promoted to Water Facilities Manager. He is still just as excited about water as ever and continues to learn all he can about providing safe drinking water. With inspiration from past supervisors and some very good engineers, Joe hopes to someday teach others about filtration and the importance it has on community health. Seeing as how he still gets excited about water projects, he is bound to become an inspiration to other water industry professionals just as so many others were and are for him.

For Joe, getting more operators from different sized communities involved with MI- AWWA is important. To accomplish this, Joe suggests we use marketing, job fairs, and outreach and education. The resources that MI-AWWA can provide to operators will become more of a necessity



## MEMBER UPDATE

as regulations change in an effort to continue providing safe drinking water to everyone, but involvement can be a large challenge for smaller communities who don't always have the luxury of time to get involved and stay involved. With more open doors and opportunities from the section, an operator who is outgoing and eager to be involved may spark others to participate. Joe thinks MI-AWWA can provide that foundation. He is also focused on several training possibilities. Something he would like to observe is training that would encompass "How to respond to an emergency" that would be geared toward those many "what if this happens to you moments" in which new and existing operators would see value.

For now, Joe stays busy managing employees at the water facility that he calls home. With the completion of a 2012 expansion and renovation project that included a water pumping station at the lake, there is no shortage of work for Joe. Even with his plate full, Joe finds time to follow other passions by volunteering his time for Junior Achievement, the AWWA MI Section Education and Training Council, and as the Environmental and Natural Resources Committee Liaison. With plans to start an outreach and education program where he uses water models showing the water treatment process from source, to filtration, to wastewater treatment, Joe is sure to leave a lasting impact on the water industry. 💧

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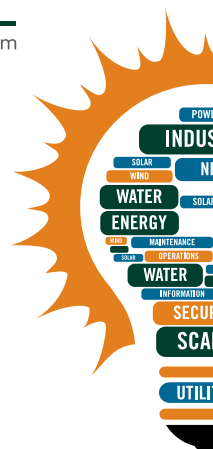
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## CLEAN WATER INFRASTRUCTURE FUNDING OPPORTUNITIES

The DEQ will soon accept applications from communities interested in low-interest loans to help address aging infrastructure.

Michigan's State Revolving Fund (SRF) and Drinking Water Revolving Fund (DWRF) every year provide communities with low-interest loans for the planning, design and construction of wastewater, nonpoint source pollution control and drinking water system projects. Interest rates range between 2 to 3 percent.

The first step for communities interested in applying is to submit a project plan by May 1 for drinking water projects or by July 1 for wastewater and nonpoint source projects. For further information on the loan programs, visit the Revolving Loan website at [www.michigan.gov/cleanwaterrevolvingfund](http://www.michigan.gov/cleanwaterrevolvingfund) or call 517-284-5433 to talk with a revolving loan project manager.



## SARA TITLE III - EMERGENCY PREPAREDNESS FOR MICHIGAN FACILITIES AND THEIR COMMUNITIES

SARA Title III, also known as the *Emergency Planning and Community Right-to-Know Act*, requires facilities to report information to state and local officials that can be vital to the safety of their community. SARA Title III establishes requirements for Federal, State and local governments, Indian Tribes, and industry regarding emergency planning and "Community Right-to-Know" reporting on hazardous and toxic chemicals. The Community Right-to-Know provisions help increase the public's knowledge and access to information on chemicals at individual facilities, their uses, and releases into the environment. The SARA Program tracks hazardous chemical storage and shares this information with Local Emergency Planning Committees and fire departments. The information is used to develop community emergency management plans that are utilized in case of an emergency in the community or at an individual facility. This information can be used to improve chemical safety and protect public health and the environment.

Sections 311 and 312 of SARA Title III address emergency and hazardous chemical inventory reporting. Over 6,000 facilities in Michigan submit hazardous chemical inventories or Tier II Reports to the Michigan SARA Title III Program, Local Emergency Planning Committees (LEPCs), and local fire departments. These reporting requirements apply to any

facility storing hazardous materials above certain thresholds that must maintain a safety data sheet (SDS) in accordance with the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910.1200 or are storing Extremely Hazardous Substances.

### SARA Title III Training Opportunities:

- Tier II reporting workshops will be offered in 2016. Please see the DEQ Calendar, Events and Training website to register at [www.michigan.gov/deq/0,4561,7-135-3308\\_3333-292960--,00.html](http://www.michigan.gov/deq/0,4561,7-135-3308_3333-292960--,00.html).
- A SARA Title III - Tier II Reporting Basics webinar is also being offered. Please go to the following website to register [www.michigan.gov/deq/0,4561,7-135-3308\\_3333-371323--,00.html](http://www.michigan.gov/deq/0,4561,7-135-3308_3333-371323--,00.html).
- To view the 2016 SARA Title III Guidebook (which includes information on how to submit a Tier II report located in Chapter 3: SARA Title III Sections 311 & 312): [www.michigan.gov/deq/0,4561,7-135-3307\\_29815\\_4137-91088--,00.html](http://www.michigan.gov/deq/0,4561,7-135-3307_29815_4137-91088--,00.html).

### Need Help:

Please do not hesitate to contact the SARA Title III Administrators by sending an email to [deq-sara@michigan.gov](mailto:deq-sara@michigan.gov). Be sure to include your phone number.

# JOINT EXPO & OPERATORS DAY RECAP

Winter was fairly gentle on most of the state. And Joint Expo and Operators Day benefited. Record numbers of attendees came out to participate in the Operators Day trainings, the Infrastructure Project Funding Seminar, and of course walk the booths in the exhibit hall, seeing more than 200 exhibiting companies.

Water and wastewater operators heard from experts in electrical maintenance, backflow prevention, Miss Dig, and more. The Infrastructure Project Funding Seminar offered managers and directors an in-depth look at ways to fund infrastructure projects to meet daily challenges and long term goals.

Young people were again invited to participate in the YP/ NP Round Table on water industry careers. Hosted by the MI-AWWA Young Professionals and MWEA New Professionals, the Round Table provided a great discovery forum for new and

young entrants to the water industry as well as students.

The first day of the Expo closed with what has become the traditional Mixer at a local pub. A special thank you to the exhibitors who participated in and sponsored the Scavenger Hunt and Mixer. See page 56 for the list of sponsoring exhibitors. Thank you also to the energetic YP and NP volunteers who made the Hunt and the Mixer the best one yet.

Various contests were held both Tuesday and Wednesday to keep energy high in the exhibit hall. There were a couple of surprises. See below for details.

Exhibitors: thank you for participating. Keep your eye on the Joint Expo page on the website and your email box for information on booth registration opening for 2017.

Mark Your Calendar for the 2017 JOINT EXPO & OPERATORS DAY - February 7-8, 2017 Lansing Center, Lansing, MI.

## WATER OPERATORS COMPETE FOR BEST TIMES

The Michigan Section held its annual Tapping and Meter Madness competitions at Joint Expo in February. Both competitions are a race against the clock. A team of three works to tap a simulated water main in the Tapping Contest. Meter Madness is a race to see how fast participants can assemble a meter from a bucket of parts. Troy swept the competitions with a win in Meter Madness and wins by both their women's and men's teams at Tapping.

Hydrant Hysteria, a new competition that is still gaining

ground within AWWA, also held its state competition at Joint Expo. This competition is a race against the clock to assemble a hydrant.

Congratulations to the winners of this year's contests. The Tapping Teams and the Meter Madness winner will receive travel support to compete in the national competition held at ACE16 in Chicago this June. The Lansing Lethal Ladies will defend their national title against the new Michigan women's champs Smooth Operators.

Well done teams! Thanks to all who competed!



2016 Meter Madness Michigan Champion Rick Greenwell, City of Troy



L to R 2016 Hydrant Hysteria Michigan winners Cam Kerbyson, Richard Garza



L to R 2016 Tapping Michigan Champion Ladies Team Smooth Operators: Kelly LaPointe, Scott Carruthers, Nikki MacMillan and Ashely Levin



L to R 2016 Tapping Michigan Champion Men's Team Troy Tappers: Mark Pniewski, Scott Carruthers, Rich Wiles and Andy Willetts

## YOUNG PROFESSIONALS CREATE ENERGY, FUN AT JOINT EXPO

The MI-AWWA Young Professionals in collaboration with the MWEA New Professionals hosted two events that were rather well attended and organized at this year's Joint Expo.

The Student Roundtable was attended by 33 individuals consisting of both professionals and college students who attended Joint Expo on Tuesday February 2nd. Bay College attended as they have for the past several years and asked

some hard hitting questions of our panelists and participants. The event is centered around careers and opportunity within the water industry and the importance of networking and mentoring within the industry.

Careers within the industry are carved out of many different paths and this year's discussion emphasized the importance of continuously learning about the technical aspects of our

# JOINT EXPO & OPERATORS DAY RECAP

industry but also the soft skills and how that can help you with your career. Brad Schepler from HRC, Kevin Livingston from HESCO and Ben Anderson from the Village of Cassopolis served as the panelists for this year's events while Matt Parks from OHM Advisors facilitated the event. Overall, the event was a success and efforts to expand participation from other schools will be a key focus for 2017.

The Scavenger Hunt in the Exhibit Hall took on a new format and came through with the most participation we have seen to date. Special thanks to all the sponsors especially Victaulic who was an Uber Sponsor but also contributed towards the prizes and swag. In all, over \$700 in gift cards were awarded and over 70 participants took the time to answer clues from the 23 different sponsors. The event concluded with a mixer, which also was coordinated by the YPs and NPs. Jenna Karazim (Vice Chair of the YP group) from the City of Ann Arbor was instrumental in the implementation of this year's event.

A really big thank you to all who helped. If there are any questions on how to help with next year or if you are interested in being a 2017 sponsor in the Scavenger hunt, please feel free to contact Matt Parks at [matt.parks@ohm-advisors.com](mailto:matt.parks@ohm-advisors.com)

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## is more than just talk

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

- We use lighter publication stock that consists of recycled paper. This paper has been certified to meet the environmental and social standards of the Forest Stewardship Council® (FSC®) and comes from responsibly managed forests, and verified recycled sources making this a RENEWABLE and SUSTAINABLE resource.
- Our computer-to-plate technology reduces the amount of chemistry required to create plates for the printing process. The resulting chemistry is neutralized to the extent that it can be safely discharged to the drain.
- We use vegetable oil-based inks to print the magazine. This means that we are not using resource-depleting petroleum-based ink products and that the subsequent recycling of the paper in this magazine is much more environment friendly.
- During the printing process, we use a solvent recycling system that separates the water from the recovered solvents and leaves only about 5% residue. This results in reduced solvent usage, handling and hazardous hauling.
- We ensure that an efficient recycling program is used for all printing plates and all waste paper.
- Within the pages of each issue, we actively encourage our readers to REUSE and RECYCLE.
- In order to reduce our carbon footprint on the planet, we utilize a carbon offset program in conjunction with any air travel we undertake related to our publishing responsibilities for the magazine.

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



## OPERATOR'S MERITORIOUS SERVICE AWARD

The Michigan Section, AWWA is soliciting nominations of individuals to be considered for the 2016 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, 2016.**

To obtain a copy of the award nomination form, go to [www.mi-water.org](http://www.mi-water.org) and look under "Documents Download-Awards." 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](mailto:nate@VKcivil.com)

## ACE16 BUS TRIP *HERE'S YOUR CHANCE – VISIT ACE16 EXPO*

The Michigan Section has chartered two buses to allow water operators from across the state the chance to visit the exhibit floor at ACE16 in Chicago. This is a great opportunity for anyone interested in visiting a large exhibit floor, networking with water professionals from around the country, and earning CECs in the process!

This is a whirlwind, one-day trip to keep costs down.

Registration for the Bus Trip includes transportation from your pick up location to McCormick Place in Chicago, snacks on the bus, registration for the ACE16 exhibits and

all activities in the exhibit hall, lunch in the exhibit hall, and 0.1 other CECs.

One route will travel along I69/I96 and one route will travel along I94. See the Section website for a map, pick up locations, and times.

Cost of the trip is only \$75 for members. See the website for more information.

Thanks to Fer-Pal for supporting this trip and helping us keep the registration fee low.

Space is limited so register soon.

## MANISTIQUE VYING FOR BEST TASTING WATER AT ACE 16

The City of Manistique won Best Tasting Water at the 2015 Michigan Section AWWA annual meeting. This win is a culmination of compliance, determination, planning, funding, construction and, of course, luck. The City has in the past struggled with disinfection byproducts from treating an inland river as their source. While Lake Michigan and area groundwater sources are available, deep highly mineralized wells and bedrock near the lakeshore made these options cost prohibitive. To maintain compliance with the disinfection by-product standards, the City rebuilt their filters, made improvements to the coagulant rapid mix, and installed ozone as a pre-oxidant. An ultraviolet contactor was also added for good measure. After 7 million dollars in improvements, the water meets drinking water standards, and tastes really good! Last year's winner, the City of Chelsea, helped present the traveling trophy.

The City of Manistique is on to Chicago for the National

"Best of the Best" contest at the Annual Conference and Exposition June. Wish them best of luck!



*Gary Wozniak, Corey (Manistique), and Chelsea passing the trophy from the last year's Section meeting*

## ANN ARBOR USED CONTEST, PUBLIC VOTE, TO SELECT ART FOR WATER TOWER

EXCERPTED FROM A CITY OF ANN ARBOR PRESS RELEASE

In January, the City of Ann Arbor announced the winner of its Art in the Sky contest. Bill Burgard's design depicting birds, fish and wildlife will adorn the Manchester elevated water tank once it's painted later this year. Burgard is an illustrator, designer and lecturer at the University of Michigan Stamps School of Art and Design and lives near the water tower.

The Art in the Sky contest elicited 598 entries from Ann Arbor residents of all ages. The public cast more than 3,200 votes to choose the winner from the five finalists selected by a panel of judges.

Addition of the artwork and all other improvements are scheduled to be completed by October of this year.



## LEAD, COPPER, AND CORROSION CONTROL: MEMBER FORUMS AND TRAININGS

The Flint water crisis has left an indelible mark on the water industry. Water professionals not only need to achieve and maintain their license, but this new scrutiny demands that they go beyond the minimum requirements and seek out professional development that enhances their skills and gives them what's needed to make sound decisions that protect public health.

The Michigan Section's leadership created two opportunities for members to enhance their skills and get a leg up on the changes coming.

In March, the Section hosted a Water Summit. The Summit offered a forum for water professionals to discuss the challenges they're facing in this ever-changing landscape.

On May 6, the Section will host a Water Quality Workshop. This workshop focuses on the Lead and Copper Rule. If you haven't already, register today.

### Coming Up

AWWA will be highlighting sessions at ACE16 that delve into the more technical aspects of corrosion control and managing water quality and the Section's Annual Conference & Exhibits (MI-ACE 2016) will have sessions dedicated to these topics as well.

## MICHIGAN NIGHT AT ACE16

Join your Michigan colleagues at Michigan Night in Chicago on Sunday during ACE16. Attendance is complimentary to members but you are asked to please register so that we can plan accordingly. Visit the calendar on the Section website, to register today.

Come enjoy a taste of Chicago and see who from Michigan makes it to ChiTown.

There is still opportunity to support this fun member networking event. Contact Bonifer Ballard at 517-292-2912 for more information.

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### CORRECTION

The winner of the MI-AWWA High School Senior Academic Scholarship is Alica Cook (Pat Cook). We apologize for the misprint.



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MI-ACE 2016 is the place for water professionals to hear the latest on the challenges you're facing now and into the future. Make plans to attend. Registration opens May 1st.

**CALL FOR ADDITIONAL  
SPEAKERS MI-ACE 2016**  
The MI-ACE 2016 Program Committee still has a few areas that we would like to have covered in the program at the Annual Conference. If you are skilled and experienced in one of the areas below, please contact Program Committee Chair Christine Spitzley for more information on possibly presenting at MI-ACE 2016.

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