100th
ANNUAL
CONFERENCE
DULUTH
MINNESOTA
SEPTEMBER
20-23, 2016
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Welcome to the 100th Annual Minnesota Section AWWA conference! This is a very special year and we welcome you as we celebrate a century of working together to improve the quality of water provided to Minnesotans. Since it was founded in 1881, the American Water Works Association (AWWA) has been the leader in providing knowledge, education and resources to the dedicated water professionals that protect public health and provide safe water to communities.

As part of the largest association of water professionals in the world, the Minnesota Section is proud of the role it plays in providing total water solutions. We are honored to have you with us as we celebrate 100 years of dedicated service, and as we look forward to the next century as the Minnesota Section AWWA.

We have an exciting conference planned for you with speakers who will help us look back at our history, explore current topics, and look forward towards the future of the water industry. There are extra special events planned this year, so please take a moment to look through the program and plan out your time here in Duluth at the 100th Annual Conference!

Jim Sadler
MN AWWA Chair, 2015-2016

Brian LeMon
Conference Chair

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## 100th Annual Conference Program at a Glance

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<th><strong>Tuesday 20th</strong></th>
<th><strong>Wednesday 21st</strong></th>
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<td><strong>Track</strong></td>
<td><strong>Opening/General Session</strong></td>
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<td><strong>Room</strong></td>
<td><strong>Harbor Side Ballroom</strong></td>
</tr>
<tr>
<td><strong>Moderator</strong></td>
<td><strong>Joe Zauner</strong></td>
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</table>

**Legend**
- MNAWWA Meetings/Meals
- Conference Events/Sessions
- Social Events

### Tuesday 20th
- **7:30 - 8:00**
  - **Opening/General Session**
  - **Moderator:** Joe Zauner
  - **8:00 - 8:30**
    - Opening and Welcome by Jim Sadler
    - Water For People Update
    - Smithsonian Exhibits

### Wednesday 21st
- **8:00 - 8:45**
  - **A Brief History of St. Paul Regional Water Services**
  - **Rich Hibbard, SPRWS**
  - **8:45 - 9:00**
    - Collecting Quality Water Samples
    - **Robert Galvin, Kuperline**

### Additional Events
- **9:30 - 3:00**
  - **Water For People**
  - **Sporting Clays**
  - **Shooting Old Vermillion Trail**

- **9:15 - 10:15**
  - **The Future of Water**
  - **Steven Maxwell**

- **10:00 - 10:30**
  - **Pre-Conference Board Meeting**
  - **Room 202**

- **10:30 - 11:15**
  - **Minnesota Plumbing Code**
  - **Cathy Tran, Minnesota Department of Labor and Industry**

- **11:00 - 12:15**
  - **Water Utility Council Meeting**
  - **Room 202**

- **12:00 - 5:15**
  - **Wate For People Golf Tournament**
  - **Past Chair Luncheon**
  - **Bellisio’s Restaurant**

- **12:00 - 2:00**
  - **Part Chair Luncheon Bellisio’s Restaurant**

- **2:00 - 3:00**
  - **Water For People Committee Meeting**
  - **Room 202**

- **3:00 - 3:45**
  - **Membership Committee Meeting**
  - **Main Registration Hallway**

- **3:30 - 4:15**
  - **Tank Rehabilitations and Antennas: Timing is Everything**
  - **Dan Zienty, Short Elliott Hendrickson**

- **4:00 - 5:00**
  - **Inaugural Beer and Bags Tourney**
  - **Canal Park Brewing Co.**

- **5:00 - 7:00**
  - **MAC Social - Part 1**
  - **Clyde Iron Works busses to shuttle guests from Canal Park to Clyde Iron Works (4:30 - 5:30), Buses from Clyde Iron Works to Canal Park (6:30 - 7:30)**

- **7:00 - 10:00**
  - **MAC Social - Part 2**
  - **Brewery Circuit buses will bump and run from Clyde Iron Works to Bent Puddle Brewing Co., Canal Park Brewing Co., and Lake Superior Brewing Co.**

- **8:00 - 8:30**
  - **Opening Keynote**
  - **The History of Water**
  - **Dave LaFrance**

- **8:30 - 9:15**
  - **Completing a Condition and Risk Analysis of the Joint Water Commission’s (JWC) Prestressed Concrete Cylinder Pipe (PCCP) Network**
  - **Paul Pasko, Short Elliott Hendrickson**

- **9:15 - 10:15**
  - **Collecting Quality Water Samples**
  - **Robert Galvin, Kuperline**

- **10:00 - 12:00**
  - **Vendor Exhibitions**
  - **Water Museum Exhibit Hall**
  - **Pipe Tapping Begins at 10:30 am**
  - **Meter Madness Begins at 1:00 pm**
  - **Hydrant Hysteria Time TBD**

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<td>Concurrent Biological Filtration of Iron, Ammonia and Manganese in a Single Vessel: Pilot Investigations for White Bear Township, Minnesota John Berriag, TKDA</td>
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<td>History of the Water Research Foundation Rob Renner, AWWA</td>
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<td>Removal of Particles and Contaminants of Emerging Concern (CECs) in Biologically-Active GAC Filters Ben Ma, University of Minnesota</td>
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<tr>
<td>11:15 - 1:00</td>
<td>Lunch/Business Meeting Special Presentation: City of Minneapolis’ Award-Winning Diversity Program - Glen Gerads, City of Minneapolis</td>
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<td>1:00 - 1:45</td>
<td>Profile of Lead Release in Lead Service Line and Mains During Flushing Anna Schliep, Minnesota Department of Health</td>
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<td>1:45 - 2:30</td>
<td>Reduce, Reuse, and Recharge to Retain Local Control Steve Woods, The Freshwater Society</td>
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<tr>
<td>2:45 - 3:30</td>
<td>Improving Heavy Metals Removals from Natural Waters Using Zeolite Michael Sammons, University of Minnesota</td>
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<tr>
<td>3:30 - 4:15</td>
<td>St. Cloud WFF AOP and Bio-Filtration Pilot Study Qiang Chang, AE2S and Shane Lund, St. Cloud Utilities</td>
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<tr>
<td>4:00 - 5:00</td>
<td>Free Time</td>
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<tr>
<td>6:00 - 7:00</td>
<td>AWWA Appreciation Night Meet and Greet with hors d’oeuvres Harborside Ballroom</td>
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<tr>
<td>7:00 - 8:00</td>
<td>AWWA Appreciation Night Dinner Featuring Comedian David Harris</td>
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<td>8:00 - 9:00</td>
<td>AWWA Appreciation Night Awards Presentation</td>
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<tr>
<td>9:00</td>
<td>MNAWWA Team Trivia Contest Old Chicago</td>
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<td>Asset Management from Rural to Metro Perspectives Brad Henry, Ruth Hubbard, Marc Culver, Russ Mathys, Carol Kaszynski, City of Bloomington</td>
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<td>Asset Management and EAMS: Is Your Cart in Front of the Horse? Glen Gerads, City of Minneapolis</td>
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<td>Governor’s Water Initiative Paul Allwood, Assistant Commissioner at MDH</td>
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<tr>
<td>11:30 - 12:30</td>
<td>MNAWWA Board Meeting</td>
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<tr>
<td>11:30</td>
<td>Lunch</td>
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### Meetings & Events

**Tuesday September 20**
- 9:30 am  Water For People Sporting Clays Shooting Event: Old Vermilion Trail
- 10:30 am Pre-Conference Board Meeting: Room 202
- 12:00 pm Water For People Golf Tournament: Lester Park Golf Club
- 12:15 pm Water For People Fishing Tournament: marina just north of the DCC
- 7:00 pm MN AWWA Board Meeting: Glensheen Mansion
- 7:00 pm Inaugural Beer and Bags Tourney: Canal Park Brewing Co.

**Wednesday September 21**
- 11:00 am WUC Meeting: Room 202
- 12:00 pm Past Chairs’ Luncheon: Bellisio’s Restaurant
- 1:00 pm Scholarship Committee Meeting: Room 202
- 2:00 pm Water For People Committee Meeting: Room 202
- 3:00 pm Research Committee Meeting: Room 202
- 3:00 pm Membership Committee Meeting: Main Registration Hallway
- 4:30 pm Clyde Ironworks reception (see p. 35 for detailed schedule)
- 7:00 pm Brewery Circuit (see p. 35 for detailed schedule)

**Wednesday – Competitions – In Vendor Hall**
- 10:30 am Pipe Tapping
- 11:00 am Drinking Water Taste Test
- 12:45 pm Hydrant Hysteria
- 1:00 pm Meter Madness

### Program

**Wednesday, September 21**

**Opening General Session: Harbor Side Ballroom**
Moderator: Jim Sadler

- 8:00 am Opening by MNAWWA Chair, Jim Sadler
- 8:30 am Water for People Update and Smithsonian Exhibit
- 9:15 am The Future of Water, Steve Maxwell
- 10:15 am Walk to Vendor Exhibition: South Pioneer Hall

**Exhibit Hall Activities: South Pioneer Hall**
- 10:15 am–3:30 pm Vendor Exhibition Open
- 11:00 am Best in Glass: Water Taste Test Preliminaries
- 11:30 am Pipe Tapping Competition: Exhibit Hall
- 12:00 pm Lunch: Exhibit Hall
- 12:45 pm Hydrant Hysteria Competition: Exhibit Hall
- 1:00 pm Two Prize Draws: Exhibit Hall
- 1:00 pm Meter Madness Competition: Exhibit Hall
- 2:00 pm Two Prize Draws: Exhibit Hall
- 2:00 pm Best in Glass: Water Taste Test Finals: Exhibit Hall
- 3:00 pm Grand Prize Draw: Exhibit Hall
- 4:30 pm MAC Social Part 1: Reception at Clyde Ironworks
- 7:00 pm MAC Social Part 2: Brewery Circuit

### Thursday September 22

**Operations and Maintenance**
Moderator: Joe Zauner
Room 202

- 8:00 am A Brief History of St. Paul Regional Water Services – Rich Hibbard, SPRWS
- 8:45 am Collecting Quality Water Samples – Robert Galvin, Kupferle
- 9:45 am Completing a Condition and Risk Analysis of the Joint Water Commission’s (JWC) Pre-stressed Concrete Cylinder Pipe (PCCP) Network – Paul Pasko, Short Elliott Hendrickson, Inc.
- 10:30 am Minnesota Pluming Code – Cathy Tran, MN Department of Labor and Industry
- 11:15 am pH: pHiguring out the pHundamentals – Annika Bankston, City of Minneapolis
- 1:00 pm Reducing Non-Revenue Water: Matching Your Meter to Fit Your Customer’s Needs – MN AWWA Water Loss Control Committee and Kirk Peterson, HD Supply
- 2:45 pm Twenty-two Years of Hypolimnetic Aeration: The Saint Paul Regional Water Supply Experience – Roger Scharf, CH2M
- 3:30 pm Tank Rehabilitations and Antennas: Timing is Everything – Dan Zienty, Short Elliott Hendrickson, Inc.

### AWWA Guest Program Agenda

**Wednesday September 21**
- 9:00 am Meet & Greet in Eagle Harbor conference room at The Inn on Lake Superior
- 10:00 am Fall floral decor making
- 12:00 pm Lunch (provided)
- 2:00 pm Essential oils event

**Thursday September 22**
- 10:00 am Tour the “Rustic Olive”
- 12:00 pm Lunch (tbd)
Research Track
Moderator: Greg Johnson
Room 204–205

8:00 am  Two-Stage, Fixed-Bed Biological Nitrate Removal at the City of Delano: Pilot Testing to Full-Scale Implementation – Jess Brown, Carollo Engineers
8:45 am  Concurrent Biological Filtration of Iron, Ammonia and Manganese in a Single Vessel: Pilot Investigations for White Bear Township, MN – John Berrigan, TKDA
9:45 am  History of the Water Research Foundation – Rob Renner, AWWA Water Research Foundation
10:30 am  Removal of Particles and Contaminants of Emerging Concern (CECs) in Biologically-Active GAC Filters – Ben Ma, University of Minnesota
11:15 am  Annual Business Meeting, Lunch, Awards: Harbor Side Ballroom
1:00 pm  Profile of Lead Release in Lead Service Line and Mains During Flushing – Anna Schliep, Minnesota Department of Health
1:45 pm  Reduce, Reuse, and Recharge to Retain Local Control – Steve Woods, The Freshwater Society
2:45 pm  Improving Heavy Metals Removals from Natural Waters Using Zeolite – Michael Semmens, University of Minnesota
3:30 pm  St. Cloud WTF AOP and BioFiltration Pilot Study – Qigang Chang, AE2S and Shane Lund, St. Cloud Utilities

Tech – Case Studies
Moderator: Miles Jensen
Room 301-302

8:00 am  A Large Diameter Water Main: Rehabilitation Story of Five Cities – Brian Simmons, Bolton & Menk
8:45 am  Spirit Mountain Water Infrastructure Project – Jeffrey Ledin, Short Elliott Hendrickson, Inc.
9:45 am  City of Luverne Water Supply Improvements – Verne Jacobsen and Matt Ellingson, TKDA
10:30 am  Rochester Public Utilities Water Source Sustainability Study – John Greer, Barr Engineering
11:15 am  Annual Business Meeting, Lunch, Awards: Harbor Side Ballroom
1:00 pm  Residential Stormwater Reuse: Opportunities, Challenges, and the Way Forward – Erin Heydinger, WSB & Associates and Bryan Bear, City of Hugo
1:45 pm  Metropolitan Council Annual Update – David Brown, Brian Davis, and Lanya Ross, MCES
2:45 pm  It’s All About Location: Distribution Water Quality Samples – George Kraynick, City of Minneapolis
3:30 pm  No Beer Without Water! A Minnesota Perspective on Beer Brewing and the Links to the Water Industry – Kristofer Knutson, Moorhead Public Service; and Todd Elliott, CH2M

Information Technology Track
Moderator: Carol Kaszynski
Room 203

8:00 am  Asset Management from Rural to Metro Perspectives – Brad Henry, Ruth Hubbard, Marc Culver, Russ Mathys, and Carol Kaszynski, City of Bloomington
8:45 am  Asset Management and EAMS: Is Your Cart in Front of the Horse? – Glen Gerads, City of Minneapolis
9:45 am  Using Condition Assessment Data to More Efficiently Manage Your Pipelines – Allison Stroebele, Pure Technologies
10:30 am  SCADA Systems Explained – Anthony Pittman, AE2S
11:15 am  Annual Business Meeting, Lunch, Awards: Harbor Side Ballroom
1:00 pm  Easiest Catch: Don’t Be Another Fish in the Dark ’Net (Part 1) – Mark Lanterman, Computer Forensic Services
1:45 pm  Easiest Catch: Don’t Be Another Fish in the Dark ’Net (Part 2) – Mark Lanterman, Computer Forensic Services
2:45 pm  EPA Tools and Resources for Drinking Water and Wastewater Utilities – Khin Cho Thuang, US EPA
3:30 pm  Know What’s Below – Brent Massmann, City of Bloomington

FRIDAY, SEPTEMBER 23
Administrative/Professional
Moderator: TBD
Room 204–205

8:00 am  Future of the Water Industry – David LaFrance, AWWA Chief Executive Officer
8:45 am  Governor’s Water Initiative – Paul Allwood, Assistant Commissioner at MDH
10:00 am  Over a Barrel (of Water) - The Backstory of the Flint, MI Nightmare – Rick Wahlen, City of Eden Prairie
10:45 am  Addressing Iowa’s Water Quality Crisis Through Agricultural Accountability – Bill Stowe, Des Moines Water
11:30 am  Lunch: Room 204–205
11:30 am  Post Conference Lunch & Board Meeting: Room 202

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David LaFrance has a long history of participation in AWWA, beginning in 1995 when he first became a member and volunteered on the Rates and Charges Committee. He was named CEO in March, 2010.

Prior to joining AWWA, David spent 16 years at Denver Water, eventually becoming the Director of Finance. While at Denver Water he reported directly to the GM and worked closely with the Board of Water Commissioners on all aspects of rate setting, strategic planning, capital financing, and legal challenges. Prior to joining Denver Water, David was Project Manager and rate Consultant for CH2M Hill and a Natural Resource Economist for the Corps of Engineers.

As a water utility executive, David has successfully engaged Boards, City Councils and customers, worked with the media, and developed and implemented strategic plans.

David holds a BS in Economics from Lewis & Clark College, and an MBA in Finance from the University of Colorado.

Steve Maxwell formed TechKNOWL-EDGEy Strategic Group (TSG) in 1992 to provide consulting and advisory services to the environmental and water resource industries. The firm offers strategic and management consulting services to a broad array of public and private entities in the environmental and water industries. Mr. Maxwell has been instrumental in developing more practical strategic planning processes, building more effective sales and marketing programs, supporting successful transactions, and in helping to implement stronger management organizations, for many of the leading companies in the commercial water and environmental industry. Over the years, his firm has been active in assisting major global corporations to evaluate and build businesses in various sectors of the water industry.

Mr. Maxwell has 30 years of experience in the environmental and resource management fields. Prior to founding TSG, he served as Vice President of Marketing for the hazardous waste management company USPCI, Inc.; Manager of Strategic Planning for Union Pacific Corporation; and Executive V.P. of Recra Environmental, an environmental lab and consulting firm. Previously, he held marketing and planning positions in the mining and energy industry.

Mr. Maxwell is the founder and Editor of the Water Market Review – one of the industry’s most comprehensive reviews of currents trends, developments, and competitive and financial data. He is the author of The Business of Water, and the recently published The Future of Water – a comprehensive layman’s guide to the world water issues, as well as hundreds of articles on the commercial water business. He is active across the industry, serving on corporate and advisory boards, and speaking often at industry conferences. He was recently named to the Board of Directors of WaterAid America, one of the world’s largest water charitable organizations. He is a contributing editor to American Water Works Association Journal, the Environmental Business Journal, American Water Intelligence, Water Underground Infrastructure Management, and the Environmental Lab Report. Mr. Maxwell holds Masters Degrees in Public Policy and in Geology from Harvard University, and is a Phi Beta Kappa graduate of Earlham College.

Mr. Maxwell resides in Boulder, CO, with his wife Susan, a watercolor artist. They have two grown children, Nicholas and Rebecca, both of whom are attorneys. He is an avid cyclist, and enjoys photography, hiking and other outdoor activities. He recently became the tenth American to successfully complete the legendary cycling climb Mont Ventoux, in southern France, from all four directions in one day. Maxwell is also a contributing business writer for the professional bike racing magazine VeloNews, and has written extensively about the challenges in professional cycling (see www.theouterline.com.) Originally from the midwest, Mr. Maxwell spent many of his younger years in East Africa, and still enjoys international travel whenever the opportunity presents itself.
WATER MUSEUM

New this year
MN AWWA is pleased to celebrate its 100th Anniversary by showing off its history! Visit the Water Museum on Wednesday and Thursday to browse historical items that have been contributed by our members.

On Wednesday, the Museum will be featured in the Exhibit Hall, and on Thursday, we’ll move items up for viewing in the Harborside Foyer near registration.

Museum items include:
- Roto Dip Chemical Feeder circa 1950
- Manuals on waterborne diseases
- Wooden watermain
- 1906 Board of Municipal Works Minutes and maintenance records
- Historical Breeze magazines and MN AWWA Conference Programs
- 1900 Neptune water meter
- Old photos from around the water industry and state of MN
- And much more!

Stop by to browse, and visit with our Guest Curators!

Museum Hours:
Wednesday 10:15 am – 3:15 pm in the Exhibit Hall
Thursday 8:30 am – 4:30 pm near the Registration area

CAST YOUR VOTE ELECTRONICALLY

New This Year
This year, the Section is conducting its election electronically for Chair-Elect, Director, and to approve Bylaws changes. The election opened on September 1, 2016, allowing members* to cast their ballots electronically through the last two weeks. Members who did not cast their ballots before coming to the Annual Conference will be able to vote on site until 11:00 am Thursday September 22, 2016, at which time the election will close. Results will be announced at the Annual Business Meeting during lunch on Thursday September 22.

On-site voting hours:
Wednesday September 21: 8:00 am – 3:00 pm
Thursday September 22: 8:00 am – 11:00 am

If you have not already voted, you may vote at the voting area near Registration during the above hours

* To be eligible to vote in this election, you must be an AWWA member in good standing as of August 31, 2016
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Competition Schedule
All events will take place in the Exhibit Hall on Wednesday, September 21.

**Best In Glass** – 11:00 am, Final Judging at 2:00 pm
**Pipe Tapping** – 10:30 am – 3:30 pm
**Meter Madness** – 1:00 pm – 2:30 pm
**Hydrant Hysteria Competition** – 12:45 pm

**Best In Glass** (Water Taste Test)
Brian Bergantine
AE2S
218-299-5610
brian.bergantine@ae2s.com

**Pipe Tapping Competition**
Chris Larson
SEH, Inc.
651-765-2961
clarson@sehinc.com

**Meter Madness Competition**
Kirk Peterson
HD Supply Waterworks
612-202-7786
kirk.peterson@hdsupply.com

**Hydrant Hysteria Competition**
Rick Myskewitz
AMERICAN Flow Control
612-790-6240
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ROV inspections can be viewed on TV console during inspection & DVD provided. All inspections include bound reports, recommendations, and cost estimates.

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The Minnesota Section of AWWA presents the Annual “Best In Glass” Water Taste Test at the Annual Conference to be held in Duluth, MN September 21-23. All municipal utilities have the opportunity to participate in this event.

The sample should be delivered in a one-gallon or larger container that is clearly identified with the name of the utility. Glass containers are preferred, but you can use a container of your choice. It is strongly recommended that a representative of the utility hand deliver the sample.

Samples should be delivered to the conference registration desk on September 21, 2016 no later than 10:30 am. To better evaluate all water samples will be judged at room temperature. Judging will begin at approximately 11:00 am on Wednesday, September 21. The contest involves two rounds of judging. The first round will be the selection of the top three water samples by popular vote of the conference participants. These three will enter the final round along with the People’s Choice Award winner from the Minnesota State Fair. A panel of taste testing experts will determine the “Best In Glass” winner and crown the MN AWWA State Champion. The winner will take home a traveling trophy and a wall plaque as well bragging rights for the next year. In addition, the winning municipality will represent MN AWWA with a sample at the AWWA “Best of the Best” competition being hosted at ACE.

All entries will be accepted, but only a “Best In Glass” winner that has incurred no state or federal drinking water violations during the previous calendar year and is an AWWA member will be eligible to submit a sample to the ACE “Best of the Best” Water Taste Test at the AWWA Annual Conference (ACE).

If you have questions or would like additional information, please visit www.mnawwa.org or contact “Best In Glass” Committee Chair, Brian Bergantine, AE2S at brian.bergantine@ae2s.com or 218-299-5610.
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“You should join AWWA.” That’s what Dave heard from his supervisor shortly after starting his first water industry job as a water systems engineer after graduating from Iowa State University in 1988. He became a member right away but it seemed like Illinois Section members only wanted to talk to the people they already knew. Which made it challenging for a young engineer who didn’t know anyone in the section (and only wanted to talk to people he knew). So reading the AWWA Journal was the extent of his involvement.

After moving to Minnesota in 1993 and starting work at Progressive Consulting Engineers, Dave was advised by Naeem Qureshi, “Get involved in Minnesota AWWA”. Dave says, “In Minnesota I found getting involved was easier than in Illinois. I gradually started meeting people and getting to know them by attending various schools and conferences and giving presentations at operator schools. But I still held back from any leadership roles.”

At the MNAAWWA fall conference in Owatonna in 2003 Dave shared with Jerry Mahon how intimidating it had been to meet people in Illinois and that it would be great if the MN Section had a committee or club where people new to the industry could easily meet. Dave recalls, “Jerry told me AWWA had just what I was talking about, Young Professionals (YP) Committees, and the association was trying to get more sections to create YP Committees. He said I should create the section’s YP committee and be the chair. I told Jerry that at 42 I was too old to be a Young Professional member, let alone the chair, but I’d like to be involved in the committee somehow. One month later I got an official letter from AWWA in Denver saying, “Congratulations on being selected as the new Young Professionals Committee Chair.” I felt I was a six year old kid again with my uncle picking me up and throwing me into the deep end of the pool to learn how to swim. But Jerry’s action was just the push I needed for me to learn how great it is to be actively involved in AWWA. That first position, as the Young Professionals Committee Chair, taught me how easy it is to find other members who are similar to you and that together you can create the MNAAWWA activities, events and committees that get and keep you involved and engaged in the Section.”

So after getting a new motorcycle in 2012, Dave found other motorcyclists in the Section and together they created the Water for People (WFP) Motorcycle Ride. Dave chaired this committee for the first three years.

Other positions he has held include Secretary/Treasurer, Award Committee Chair, and Website Update Committee Chair. He has also been an active member of the IT and Program committees. Dave has also helped at the registration desk at the annual conference in Duluth for several years.

In 2013 the Section supported Dave to travel to Malawi, Africa on a Water for People trip. He says, “That trip really impressed upon me the vital importance of the work we in the water industry do. Here at home and worldwide through Water for People.” Dave feels his involvement in the water industry and AWWA is due to all of the people in his life who have made involvement fun and possible. He says, “I thank all of my employers who have each supported me throughout my career to be actively involved in AWWA. I especially want to thank my current employer, the Metropolitan Council, for their support of my continued involvement in AWWA. I also appreciate all of the knowledge, expertise and advise I’ve received from Utility Superintendents, Public Works Directors/City Engineers, Water System Operators, Manufacturer’s Representatives, MDH, DNR and Met Council staff, Contractors, colleagues, consultants and everyone else in the water industry. Lastly I’m grateful to my wife of 13 years, Gay, who is the reason I am blessed with three adult children and 13 grandchildren who make life spectacular.”

For Dave it is an honor and privilege to be considered for the position of Section Chair.
Throughout his career Grant Meyer has had fortunate opportunities to be involved with AWWA in wide variety positions. But, it was his introduction to AWWA 18 years ago that shaped much of his approach to the organization. Before he was even involved in his local District or Section, he was presented with an opportunity to serve on the Association (National) Level Young Professional Committee. He was one of only six YPs on the Committee and was the only YP Liaison to a number of other Committees on the nation level. This early experience taught Grant the difference between “passively” being a member of an organization, and taking an “active” engaged role in really being a part of that organization.

Grant appreciated the opportunity, and the responsibly, to be very “actively” involved early in his career and has found it even more rewarding to volunteer on the local and Section level. He greatly appreciates the opportunities to work with a talented team of professionals throughout MN! In the MN Section, he has worked with both the Central and Metro Districts, and served on the Membership Committee, as Administrative and Policy Council Chair for the Section Board, and is currently an active member of both the Water Utility Council and the Section Finance Committee. Grant holds his Bachelor of Science in Civil Engineering and Master of Engineering in Civil Engineering (with Environmental Emphasis) both from the University of North Dakota in Grand Forks. He even went back to school part-time and took a few business classes, but quickly returned his energy to the water industry.

Grant has been employed with AE2S, a regional consulting engineering firm specializing in water related engineering, since 1997. As an intern, Grant did everything from survey rural water pipelines to inspect sanitary sewer manholes (unfortunately not always new construction). Over the past 19 years Grant has directly managed all aspects of engineering projects – from conceptual alternative evaluation and preliminary design through design, construction, and implementation of major water system infrastructure projects, helping clients address near-term objectives and plan for their long-term vision. Currently, Grant serves as the firm’s Business Development Director and Client Program Leader and holds a position on the Board of Directors. Throughout his career AE2S, Grant has experience with a wide variety of management and leadership positions, all focused on helping team members and clients achieve their own success.

Grant and his wife Marsha live in Plymouth with their two boys Marek (11) and Balen (1). The boys seem to also have their sights set on careers in the water industry, as Marek currently wants to be a “Water Engineer just like dad” and Balen really enjoys splashing in any toilet bowl that is accidently left open. As Chair, Grant’s primary objective would be to provide opportunities and promote “active” engagement from both new and existing members throughout the Section. The MN Section is blessed with a very talented and committed organization of professionals. The continued success of the MN Section will depend on the ability of the Section to “actively” involve our members to do what matters most to them.
BertbeginshiscareerinPublicWorks37yearsalloftheCityofMinnetonkasautilitymaintenanceoperator. Sincethattime, hehasworkedhismanagementfirstasaUtilityForeman, Utility Superintendent, and Public Works Superintendent for the City of Oakdale for six years; and for the past eight years as the Public Works Maintenance Manager for the City of Golden Valley.

BertattendedSt. Cloud Technical and Community College, where he received his certificate in Water and Wastewater Treatment and Technology. He has also completed the Public Works Leadership Academy, Public Works Certificate Program, and Midwest Regional Water Utility Management Institute. Bert holds a Class S-B Collection System Operators License from the MPCA and a Class A Water Supply System Operator License from MDH.

Bert has been active in associations throughout his career and held board and committee positions in the following professional organizations:

- Chair, MN Section American Water Works Association (AWWA) and a 25 year member
- President, Suburban Utilities Superintendents Association (SUSA)
- President, Minnesota Street Superintendents Association (MSSA)
- Currently on the Executive Committee, American Public Works Association-MN Chapter, involved with the Underground Utility Construction Inspectors School Committee for over 10 years, and Executive Committee Liaison to the Education & Training Committee
- MNAWWA Co-chair of the Metro District Education Committee for 18 years, Co-chair of the Awards Committee, member of the Membership Committee and liaison to the APWA-MN Chapter MN2050 Committee.
- A member of the University of Minnesota Extension Services Local Technical Assistance Program (LTAP) Steering Committee and Education Leaders Committee

It would be an honor to serve as the MNAWWA Section Director. Thank you for the opportunity.

PeteMoultonis the Director of Public Works for the City of Saint Peter where he leads a staff of 45 employees who administer the daily requirements of the water, wastewater, environmental services, streets, parks, stormwater, refuse and electrical divisions. Pete has worked in the utilities industry for 37 years, the last 29 years with the community of Saint Peter. Pete is a graduate of Minnesota State University in Mankato with a bachelor of science degree in Political Science and related studies in Human Resources Management and Urban Studies.

Petecontinuestoserve the Minnesota Section, which began when he was selected as the Southwest District Trustee and rose to lead the Minnesota Section as Section Chair. As the Southwest Section Trustee Pete began working with other AWWA communities and state agencies to initiate the development of the Minnesota Water and Wastewater Agency Response Network (MnWARN). MnWARN has been instrumental in preparing utility systems to meet needs during emergency situations and improve operations during times of crisis. In 2008, the governing board of the Minnesota Section appointed Pete to serve as the AWWA Representative on the MnWARN Board. MnWARN has grown from four members in 2008 to over 353 members in 2016. Pete continues to serve as Chair of the MnWARN Board having served in this capacity for the past eight years. Pete also serves on the State Plumbing Board. In 2011, the Minnesota Section endorsed Pete to represent public water suppliers on the State Plumbing Board.

Pete wasrecognized by the American Water Works Association (AWWA) receiving their top award, the George Warren Fuller Award in 2012, and the Minnesota Sections highest award, the Leonard M. Thompson in 2015. Pete was also honored to receive the Meritorious Service Award from the Minnesota Section back in 1995. Pete continues to lead Section members by serving the AWWA as Vice-Chair to the Water Utility Council (WUC) where he has been involved with legislative efforts to shape the future for community water suppliers.
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FULLER AWARD
George Warren Fuller was a capable engineer, an inventive technician, a skilled negotiator, a loyal citizen, and an inspirational leader who believed in the organization and assembly of technical and professional men and devoted himself fully to the advancement of their associations and societies to the end that they serve better through planned action and cooperation.
Last year’s recipient was Bert Tracy.

THOMPSON AWARD
The Leonard N. Thompson Award is made annually to a section member who typifies the standards of excellence that were emblematic of Thompson’s contributions to the Section and the water supply industry.
Last year’s recipient was Pete Moulton.

MERITORIOUS SERVICE AWARD
The meritorious service award recognizes special performance in one or more of the following areas: continuous compliance with public health standards in finished water; consistent and outstanding contribution to plant maintenance; development of equipment or process modifications to provide for a more efficient or effective treatment; special efforts in the training of operators; special acts not directly related to water system operations, but which demonstrate dedication to the public beyond the normal operating responsibilities; consistent and outstanding contribution or operation and/or maintenance of distribution lines, pump stations, and reservoirs.
Last year’s recipient was Brian Dahl.

VOLUNTEER OF THE YEAR AWARD
The purpose of this award is to recognize a MN AWWA member who is exemplary in volunteering their time to the Minnesota Section through active participation in programs or service on a committee, council or district.
Last year’s recipient was Stew Thornley.

DAVID B. MORRIS SCHOLARSHIP
MN AWWA’s David B. Morris Scholarship Fund is used to support education through scholarships that help advance the technology needed for providing safe drinking water to the people of Minnesota. In a broader sense, it encourages more young people to become involved in the professional and technical needs of the industry. Your gift, in any amount, is appreciated. It benefits not only the individuals receiving scholarships, but it serves and advances the future of the water works profession as well.
All gifts to the David B. Morris Scholarship Fund will remain in trust with only the proceeds earned being distributed to support appropriate candidates studying in any field beneficial to the water supply industry of Minnesota.
The primary objective is to progressively increase the endowment so that scholarships can be expanded in the following areas: vocational technical training in operations, professional studies in science or engineering, and advanced studies or applicable research in water-related areas.
Specific recommendations on appropriate programs or recipients will remain the responsibility of the Section’s Scholarship Committee.

CONTACT HOURS AND CERTIFICATION
The Minnesota Section AWWA Conference provides licensed operators with Direct Contact Hours. Professional Engineers can obtain PDHs for professional license renewal based on attendance of sessions.
Attendees who require PDHs should be aware of the following information about proof of credits and audits:
According to the Minnesota Board of Architecture, Engineering, Land Surveying, Landscape Architecture, Geosciences, and Interior Design (AELSLAGID), normal renewal forms only require the total number of PDH or CEU hours attended. They don’t require proof unless audited. The audit rate for AELSLAGID is approximately 2% of all applicants (in 2012, they audited 278 people).
If audited, the Audit Committee then requires the applicant to provide:
• Proof of attendance (usually by registration form + receipt)
• Information on the sessions/training they attended (this can be a certificate with total number of PDHs/CEUs printed on it, or a conference bulletin with the session description listing the number of PDH or CEUs, or with session descriptions that provide enough information for the auditor to evaluate if it met the professional requirements).
 MEMBER RECOGNITION

Congratulations Life and Silver Water Drop Award Recipients

To honor our long-serving and dedicated members, AWWA bestows certain awards for accumulated years of membership:

- **Life Member Awards** are presented to members who have achieved 30 cumulative years of AWWA membership and are at least 65 years of age.
- **Silver Water Drop Awards** are presented to members who have achieved 25 years of cumulative AWWA membership.

Please join us in recognizing this year’s Life and Silver Water Drop Awards:

**Life Member Award**
- Steven D. Gatlin
- Marvin D. Wurzer
- Terry M. Schiro

**Silver Water Drop Award**
- Gary W. Metzler
- Thomas D. Davis
- Joseph A. Momsen
- Thomas J. Stordahl
- Herbert A. Watry
- Terry L. Reisch
- Craig E. Yokopenic
- Scott Schultz
- Randy Eggert
- Mike Heimer
- David D. Wagner
- John L. Harren
- Joel Braegelman
- Harold J. Becker
- Wayne Johnson
- Dave Traut
- William H. Anderl, PE
- Bradley G. Ellits
- Ronald A. McCabe
- Steve P. Schneider
- Richard Mauris
- Glen M. Gerads
- Patti P. Craddock
- Brent K. Powers
- Cary Johnson
- Michael J. Ulrich
- John R. Crooks
- Michael R. Roers
- David J. Dudinsky
- Brian J. Wagstrom
- Dale A. Tranter
- Gary G. Skallman
- Raymond M. Hozalski, PhD
- Miles B. Jensen, PE
- Carl C. Sonnenberg
- Todd A. Schwab
- James E. Miller
- Michael L. Appelwick
- Paul J. Zimmer II
- Doug Besendorf
- Tim Hillesheim
- James C. Grillo
- Mark D. Wallis, PE
- Andrew J. Santi
- Daniel V. Engstrand

**The Minnesota Section AWWA would like to thank the following individuals, who generously contributed to the 100th Anniversary Fund!**

- **Tony Belden**
  "Congrats on 100 years MN Section AWWA!"

- **Dan S. Boyce**
  "With my donation, I would like to honor Mr. Bob Wigley, co-founder of Water Products Company and the person who hired me in 1980 and gave me my start in this great industry"

- **Mona Cavalcoli**

- **John F. Lapointe**
  "I am proud to have been part of MN AWWA’s first 100 years"

- **Clifford L. McLain**

- **John Miklya**

- **Pete and Cindy Moulton**

- **Brian Shank**

- **Timothy K. Kampa**
- Myron D. Volker
- Brian A. Noma
- David J. Brown, PE
- John A. Blommme
- Carol A. Blommel Johnson
- Lon R. Schemel
- Bert A. Tracy
- Robert J. Cockriel
- Dennis M. Doyle
- Bob Stark
- Lyle A. Stai
- Sidney M. Kruger
- Dale A. Folen, PE

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  - Steel Coating Applications
  - Concrete Coating Applications
  - New Tank Construction

- Engineering Services
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  - Expert Witness
  - Antenna Design and Review
  - Coating System Failure Analysis
  - Cathodic Protection Specifications
  - Treatment Plant Coating Specifications

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(800) 327-1578
ATTENDEE APPRECIATION DINNER

Thursday September 22
Harborside Ballroom
Reception: 6:00 pm
Dinner, Awards, and Comedian David Harris: 7:00 pm

At this year’s Attendee Appreciation Dinner, we will celebrate not just our 100th Anniversary, but also the accomplishments of our peers. We will honor recipients of the prestigious George Warren Fuller, Leonard M. Thompson, Volunteer of the Year, and Meritorious Operator Awards. Plus, we’ll add an additional element of celebration with a champagne toast to our 100th Anniversary and the comedy of David Harris.

CLYDE IRONWORKS RECEPTION & BREWERY CIRCUIT*

This year, as a special event for our 100th Anniversary Conference, MN AWWA is pleased to offer Conference Attendees the opportunity to attend a reception at the historic Clyde Ironworks on Wednesday September 21, 2016.

Get an inside look at one of Duluth's historic landmarks, enjoy food, beverages, and networking with your MN AWWA friends and colleagues. The reception is included with all Full Conference Registrations, Wednesday-Only Registrations, and Vendor/Booth Registrations.

Preliminary timeline for the Clyde Ironworks Reception and Duluth Brewery circuit:

4:30 - 5:30 pm: Load buses at designated location in Canal Park; buses shuttle guests to Clyde Ironworks (rotation format)
5:00 - 7:00 pm: Reception at Clyde Ironworks
6:30 - 7:00 pm: Buses available to shuttle guests who wish to return to Canal Park
7:00 - 10:00 pm: Brewery circuit – Guests can rotate to three local establishments via our shuttle service

* This special reception is made possible by the efforts of the MN AWWA Manufacturers & Associates Council.

ABOUT THE CLYDE IRONWORKS

Established in 1889, the original Clyde Iron Works was a steel foundry and manufacturer of heavy machinery such as the Whirley crane, skidders, yarders, hoists and derricks used in the booming logging industry. Clyde was once instrumental in completing well-known projects such as the Panama Canal, the Empire State Building and the Golden Gate Bridge. Although Clyde’s manufacturing days are a memory, our presence honors the American worker of yesterday and today.
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Call 800.288.7926 Visit www.swansonflo.com
Everyone is invited to join the Young Professionals Committee after the Attendee Appreciation Dinner for a new event: Team Trivia! We’ll head over to Old Chicago immediately after the Attendee Appreciation Dinner, for games, fun and lots of laughs. There is no cost for this event, although donations are encouraged and gratefully accepted! Donations made at the YP Team Trivia event will support the David Morris Endowment Fund.

The David B. Morris Endowment Fund is used to support education through scholarships that help advance the technology needed for providing safe drinking water to people in Minnesota. The primary objective is to increase the endowment so that scholarships will include vocational technical training in operations, professional studies in science or engineering, and advanced studies or applicable research in water-related areas.
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Environmenta...
The MN Section AWWA is pleased to announce that it will hold a 2nd Annual Water For People Silent Auction during the exhibitor show on Wednesday September 21, 2016 and will close at the MAC Social Event that evening at Clyde Ironworks.

A complete list of auction items will be available at the Registration area. Below is a list of items available (as of August 15).

Get Your Game On!!
- **Minnesota Timberwolves Suite**
  - Includes 16 Premium Executive level tickets into private suite
  - Access to brand new renovated Target Center Premium Executive Level (opening October 2016)
  - Early access into the arena through Premium Entrance
  - Access to Premium Level gourmet cuisine and beverages
- **4 Adult passes for Great Lakes Aquarium**
- **4 Passes for Lester River Train Tour from North Shore Scenic Railroad**
- **Brookstone Wireless Bluetooth Speaker from Short Elliott Hendrickson, Inc.**
Contact Information

Name

Title

Company

Address

Home

Business

City

State/Province

ZIP/Postal Code

Country

Phone

Email

Is your company a member of AWWA? □ Yes □ No

Company Member Number (if known)

Were you referred by an AWWA member? □ Yes □ No

Referring Member Name

Payment

Annual Dues (A1) $________________________

Additional Sections* (A2) $________________________

*If applicable

Total $________________________

Payment Method

☐ Check enclosed

☐ American Express  ☐ MasterCard  ☐ Discover  ☐ Visa

Card Holder Name

Card Number

Expiration Date

Your membership will be activated when payment is received.

Additional Sections (A2)

In addition to your primary Section, you may join other AWWA Sections. There is a $33 multi-section fee, plus the assessment fee for the other Sections as appropriate. Please call 1.800.926.7337 for more information.

Annual Dues (A1)

☐ Individual Active $191
   An individual, such as a water utility employee, municipal official, public health professional, engineer, scientist, educator, consultant, or other person interested in or serving in the field of water supply. (02)

☐ Young Professional $108
   A special discount on first-year dues for individuals interested in or serving in the field of water supply, who are age 35 or younger. (YP2016)

☐ Operations/Administrative $79
   An individual employed in any operating or administrative position by a water utility with 1,000 or fewer service connections or any employee below the supervisory level in a utility with more than 1,000 service connections. (06)

☐ Student $20
   A student enrolled in a minimum of nine credit hours (or the equivalent thereof) at an accredited institution. (14)

3 Ways to Join

1. Apply online at www.awwa.org/join
2. Fax completed application to 303.347.0804
3. Mail completed application to AWWA Customer Service 6666 West Quincy Avenue Denver, CO 80235-3098

By joining AWWA, you grant the association, through implied consent, authorization to send you commercial electronic messages. Your communication preferences can be updated at any time at www.awwa.org under “My Account.”

Signature

Date
Tell Us About Yourself  All applicants must complete this section.

What one business activity best describes your company?  
(Please check only one)

☐ A  Public Water Supply Utility—Municipally Owned
☐ B  Public Water Supply Utility—Investor Owned
☐ C  Government—Federal, State, Local
☐ D  Consulting Firm
☐ E  Contractor
☐ F  Private Industrial System or Water Wholesaler
☐ G  Manufacturer of Equipment & Supplies (including representatives)
☐ H  Distributor of Equipment & Supplies (including representatives)
☐ I  Educational Institutions (faculty & students), Libraries and other related organizations
☐ J  Fully Retired
☐ K  Research Lab
☐ L  Other allied to the field (please specify) ________________________

What one category best describes your job title?  
(Please check only one)

☐ A  Executive (General Manager, Commissioner, Board Member, City Manager, Municipal Supt., Mayor, President, Vice President, Owner, Partner, Director, etc.)
☐ B  Management/Non-Engineering (Division Head, Section Head, Manager, Dept. Head, Comptroller, etc.)
☐ C  Design and Engineering/Both Managerial and Non-Managerial (Chief Engineer, Civil Engineer, Mechanical Engineer, Elect. Engineer, Environmental Engineer, Planning Manager, Field Engineer, System Designer, etc.)
☐ D  Scientific/Non-Managerial (Chemist, Biologist, Biophysicist, Researcher, Analyst, etc.)
☐ E  Purchasing (Purchasing Agent, Procurement Specialist, Buyer, etc.)
☐ F  Operations (Foreman, Operator, Maintenance Crewman, Service Representative, etc.)
☐ G  Marketing & Sales/Non-Managerial (Market Analyst, Marketing Representative, Salesperson, Sales Representative, etc.)
☐ H  Professorial (Educator, Teacher, etc.)
☐ I  Other (please specify) ________________________

What one category best describes your field served/principal activity?  (Please check only one)

☐ 8 Both Water Supply & Wastewater
☐ 5 Water Supply Only
☐ 7 Wastewater Only
☐ 3 Other

What areas of the water and wastewater industry are of current interest to you?  (Please check all that apply)

☐ Asset Management  ☐ Drought  ☐ Reuse  ☐ Water Research
☐ Climate Change  ☐ Groundwater  ☐ Stormwater  ☐ Workforce Strategies
☐ Conservation/Efficiency  ☐ Laboratory  ☐ Training/Career Development  ☐ Young Professionals
☐ Customer Service  ☐ Membrane Treatment  ☐ Utility Management
☐ Desalination  ☐ Public Health  ☐ Wastewater
☐ Design/Construction  ☐ Public Info./Communications  ☐ Water Loss
☐ Distribution/Plant Ops.  ☐ Regulatory Issues  ☐ Water Quality/Treatment

Gender  ☐ Male  ☐ Female  (Optional)

Birth Year  (Optional)
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