

PIPELINE

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DOWNLOAD THE AWWA NJ 81ST ANNUAL CONFERENCE APP!

EXHIBIT SPACE FOR THE 81ST ANNUAL CONFERENCE IS SOLD OUT AGAIN!!

STUDENT DAY 2016

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2016 AWWA INDIVIDUAL APPLICATION

HAVE AN IDEA FOR RESEARCH?

UPCOMING EVENT

ANNUAL CONFERENCE
MARCH 2016



Letter from the Chair *By David Tanzi*



As we approach the annual conference in March and the end of my term as Chair of the New Jersey Section, I would like to reflect on all of the hard work and achievements that our Section has undertaken over the past year.

Under the leadership of Frank Marascia, the Licensed Operator Committee has developed a new \$5,000 fellowship/mentorship for an individual that is interested in pursuing a career in the water industry as a New Jersey Department of Environmental Protection (NJDEP) Licensed Operator. The applicant can be a current employee of a water utility or a student that is seeking to advance his/her career or an individual interested in a future career in the water industry. The Board of Trustees (BOT) hopes that there is a lot of interest in this initiative, with the goal of being able to offer additional fellowships in the future. The committee has also been working closely with representatives of the NJDEP with respect to the licensing of water supply treatment system operators as it relates to license renewal requirements.

Under the direction of Sophia Heng, the Student Affairs Committee has been busy throughout the year. The committee continues to work hard to develop new student chapters at colleges and universities around New Jersey. Through the committee, the Section has established scholarships of \$5,000 each to three deserving students, based on their interest in the field of drinking water and pursuit of a career in the drinking water industry. This builds on the Sections previous student scholarship program which has awarded over \$35,000 in scholarships over the past five years.

Over the past year, the Water for People (WFP) committee under the leadership of Carmen Tierno has raised and made over \$120,000 in contributions to WFP. Many of you have supported the numerous events organized by this committee. For those that have supported this cause, thank you in helping WFP "improve the quality of life for people in developing nations by supporting the development of locally sustainable drinking water resources, sanitation facilities and hygiene education programs" in nine countries around the world.

In response to feedback from many of its members, the Section has finally started the process of a complete redesign of its website. Under the direction of our Section Manager, Mona Cavalcoli, we have solicited feedback from all members and committees within the Section on what is most important to them with respect to a new Section website. Numerous individuals have spent countless hours discussing, reviewing and testing different platforms before finally deciding on what would best serve the needs of the Section moving forward. In November 2015, the BOT accepted the recommendations of the Sections' ad-hoc website committee and entered into a contract with a new website developer. Since then, we have been working hard to customize a new website in anticipation of a full launch by this summer. Stop by the upcoming annual conference for a sneak preview.

I think it is important to note that from a fiscal standpoint, the Section remains strong. I would like to thank Andrea McElroy who assumed the role of Section Secretary-Treasurer in July 2015, only a few months after taking on the role of Assistant Secretary-Treasurer. Andrea, without hesitation, stepped into this role and made sure that the Section's finances continued to be in order. Over the past year, the BOT entered into a contract with Your Part-Time Controller, LLC to provide part-time accounting, financial and "controllership" services to the Section. We have engaged their services to assist in strengthening our systems that keep our financials current and implement procedures that increase efficiency and establish controls, while optimizing our internal book-keeping procedures for ease of reporting. They undertake an important role by providing an independent analysis of our financial reports and cash flow planning and they assist the Section in supporting our regular independent financial audit. A big thank you to Andrea and all of her hard work and dedication to the Section over the past year. Her engagement and continued involvement as Secretary-Treasurer, even after welcoming her first child in December 2015, is very much appreciated by myself and the entire BOT.

Along the lines of financial judiciary, the Section's financial advisory committee under the leadership of Howard Woods, continues to provide strong guidance to the Section. Early in 2015, a risk register was developed by this committee related to making sure the Sections' finances are protected under a number of different scenarios. Potential impacts were evaluated and mitigation plans were developed for each scenario. During the past year, the BOT has put procedures in place to address a number of these risk scenarios and continues to work in following up on risk mitigation plans that were prepared for the others. Likewise, we have continued to develop a long list of policies and procedures that will guide the Section for years to come. We anticipate the finalization of a formal policies and procedures manual over the next few months.

Our membership remains strong thanks to the hard work of the membership committee, led by Patrick Cole. Thank you to Pat and his entire committee to implementing new initiatives over the past year, particularly regarding outreach to new members.

Outside of undertakings by the BOT and the Section's committees, please join me in congratulating the New Jersey Section's own Lindsey Olson for being elected to the AWWA Board of Directors as the newest Director-at-Large starting in June 2016. Lindsey is one of just three Directors-at-Large, who are elected to serve on the Association's Board. Most of us know Lindsey's unwavering commitment to the Section and the Association. Since joining AWWA, she has served as the New Jersey Section Chair, has served on many of our local Section committees, and for the last several years has chaired the AWWA Young Professionals Committee. She is a testament to the fact that one gets as much out of AWWA as one puts into it. Congratulations Lindsey.

A big thank you to our Section sponsors for their support over the past year. Not just through being a sponsor, but through

(continued on page 9)

Water For People Raises Over \$55,000 at their Fall Events

By Bradley K. Koffler

The Water For People Committee of the AWWA NJ section hosted the 10th Annual Turning Wine Into Water event on September 11, 2015 at Laurita Winery to raise money for Water For People. The evening was a tremendous success and over \$25,000 was raised for Water For People!

New Jersey supporters of Water For People and the AWWA NJ Section celebrated their 10th year of dedicated support for this amazing fundraising event. The celebration included the addition of an outdoor cocktail hour where attendees enjoyed fresh wine and hors d'oeuvres while watching the sunset over the grape vines. The event was sold out with 200 people registered to attend and 23 sponsors! The keynote speaker this year was our own Carmen Tierno, the former chair of the AWWA NJ Water For People Committee, who spoke about the chapter's continued dedication to supporting Water For People's work.

As the attendance and support from Section members increases every year, so does the quality of the silent auction items. This year we had 41 silent auction items including some donated items



10th Annual Turning Wine Into Water event at Laurita Winery on September 11, 2015

and some items on consignment. This year's auction included exciting and new exotic getaways to Napa Valley and New Orleans. The donated silent auction items included items such as wine baskets, jewelry, LED HDTV, baseball and hockey tickets, four-some to Fiddler's Elbow Country Club and much more. Over \$7,000 was raised from the silent auction alone. In addition, this year also had a raffle to win a Louis Vuitton handbag valued at over \$1,000 donated by Montana Construction Corp. Inc!

Thank you to all of our volunteers and sponsors and special thanks to:

- **Vineyard Sponsor** – Pioneer Pipe Contractors, Inc.
- **Winemaker Sponsors** – Federici & Akin, P.A. Consulting Engineers, Montana Construction, McKernan Architects, T&M Associates, J. Fletcher Creamer & Son, and Kmetz Inc.

On November 1st, 2015, Team Water for People participated in their 3rd annual TCS New York City Marathon. Twelve (12) people agreed to be part of Team Water For People, fundraise and run 26.2 miles. Each team member agreed to raise at least \$2,500 for Team Water For People and as a result, the team exceed expectations and raised over \$31,000! That brings the total raised by this marathon since 2013 to over \$71,000. The weather on the day of the race was unusually mild which made for a keeping hydrated a challenge. This resulted in most participants running a little slower than they predicted but overall the team had an amazing experience running with over 50,000 people in this race.



The 2015 team consisted of: Allison Davis, Jacquelyn Pastore, Megan Livak, Jessica Perkins, Justin McKee, Eric Haslam, Kevin

Megan Livak running for Team Water for People in the TCS New York City Marathon on November 1, 2015

Williams, Brian Steinwascher, Peter Radosta, Annie Williams, Simon Valentine, and Lara Hendrickson. The team comprised of people in and out of the water industry who spread the word about Water For People on their own. This partnership between Water For People and the New York Road Runners continues in 2016 and Water For People will be again partnering for the 2016 TCS New York City Marathon. If you would like to join the team, contact Michael Johnson at msj@bsjinc.com. Spots go quickly for this amazing race. You can also go to www.njawwa.org/wfp for more information.



Sporting Clays Social Event on November 10, 2015

On November 10, 2015, the Water for People Committee of the AWWA NJ section cohosted at the Sporting Clays Social Event with the AWWA NJ Licenses Operators in Coplay, Pennsylvania. This was a new fundraising event for the Water for People Committee and it was a huge success. The day's activities included a shooting course and lunch. The event was well attended with over 100 participants raising over \$9,000 for Water for People. Thank you to all the generous sponsors and attendees that made this event a huge success.

To start off the New Year, Water for People will be hosting the 3rd Annual Dine and Dance. This event was held on February 26, 2016 at Ristorante da Benito in Union, NJ. It is truly an enjoyable evening that includes a five course meal and music provided by Julian & Dominique. For more information, please contact Michael Bange at michael.bange@amwater.com.

In addition, it is time once again for Water For People to turn its efforts to the American Water Works Association (AWWA) – New Jersey Annual Conference to be held in Atlantic City, NJ on March 15-18, 2016. As in past years, Water For People will be hosting a Drop in the Bucket Auction held during the conference. The Drop in the Bucket auction is a great way to support Water For People and also increase traffic to your booth at the conference. This year all donated items and companies participating in the auction will be featured on the Conference App! For more information, please contact Samantha Licchetto at slicchetto@mmc-nj.com.

Lastly, please mark your calendars for these other Water for People events happening this year:

Golf Outing – May 2, 2016 • **Trenton Thunder** – July 29, 2016

Wine Into Water – September 23, 2016

TCS New York City Marathon – November 6, 2016

The Water For People Committee is always looking for new members to assist with planning events. If you are interested in volunteering or finding out more about these events, please contact Nicholas DeVecchis at Nicholas.DeVecchis@amwater.com or visit the AWWA NJ Section website at www.njawwa.org.

Jessica Kretch is an Environmental Engineer at CDM Smith Inc. and the Secretary of the Water For People Committee.

AWWA NJ 2016 Annual Conference

Opening Technical Session

Tuesday, March 15, 2016	
9:00 AM – 5:00 PM	Registration Location: Registration Area
9:00 AM – 9:55 AM	Check-In
	Session A1: Session Master: <i>Bill Gettings</i> – Getting Out of the Trenches: Trenchless Technologies Update
9:55 AM – 10:00 AM	Introduction and Welcome
10:00 AM – 4:15 PM	OPENING TECHNICAL SESSION 2.0 credits ◆●■□ PO: Bill Gettings APO: Eileen Feldman Location: Salon A
10:00 AM – 11:00 AM	Planning and Design Considerations for HDD Projects: <i>David Tanzi, CDM Smith</i>
11:00 AM – Noon	Tunneling for Water Infrastructure: Thoughtful Concepts for Trenchless Pipeline Design: <i>Joshua Farmer, Hazen and Sawyer</i>
Noon – 1:00 PM	Lunch – On Your Own
	OPENING TECHNICAL SESSION II 3.0 credits ◆●■□ PO: Eileen Feldman APO: Sandy Kutzing Location: Salon A
1:00 PM – 1:50 PM	HDD Case Studies and Lessons Learned: <i>Glenn Duyvestyn, Mott MacDonald</i>
1:50 PM – 2:40 PM	Microtunneling – A Contractor’s Perspective of Risks and Case Studies: <i>Richard Palmer, Northeast Remsco Construction, Inc.</i>
2:40 PM – 2:55 PM	Break
2:55 PM – 3:45 PM	Rehabilitation – One Technology Does Not Fit All: <i>Michael Wolan, New Jersey American Water</i>
3:45 PM – 4:15 PM	Roundtable Discussion – All Presenters: <i>Moderated by Bill Gettings</i>
4:15 PM – 4:45 PM	Break
4:45 PM – 5:45 PM	OPENING SESSION Keynote Speakers: Jon Eaton, AWWA Vice-President; Dan Kennedy, Assistant Commissioner of Water Resource Management of the NJDEP; Pat Gardner, Director of Water Supply and Geoscience of the NJDEP
5:45 PM – 7:45 PM	Meet & Greet (Cocktail Reception) Location: Exhibit Area

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- ◆ NJPE Credits
- NYPE Credits
- Water Operator Credits
- Wastewater Operator Credits

REGISTRATION DESK HOURS

Tuesday: 9:00 AM – 5:00 PM
Wednesday: 7:30 AM – 4:30 PM
Thursday: 8:00 AM – 2:00 PM

VENDOR EXHIBIT AREA HOURS

Wednesday: 7:30 AM – 4:00 PM
Thursday: 8:00 AM – 1:30 PM

Note: This program is preliminary and is subject to change. Check your registration mailing and the AWWA NJ website at www.njawwa.org for the latest information.

AWWA NJ 2016 Annual Conference (continued)

Wednesday, March 16, 2016

7:30 AM – 4:30 PM	Registration Open
7:30 AM – 4:00 PM	Exhibits Open
8:15 AM – 3:30 PM	Technical Sessions
11:15 AM – 11:45 AM	Student Poster Session
8:15 AM – 3:45 PM	Students Day Educational Track

STUDENT DAY

	Session H: Session Master – Chris Olson
7:30 AM – 8:15 AM	Continental Breakfast for Students Location: Outside Student Studio
	STUDENT AFFAIRS I 1.5 Credits ♦●■ PO: Chris Olson APO: Eleana Little
8:15 AM – 9:45 AM	Traveling Back in Time – Water History: <i>Student Affairs, (FI)</i>
	STUDENT AFFAIRS II 1.0 Credit ♦●■ PO: Laura Norkute APO: Eleana Little
10:15 AM – 10:45 AM	12 Things I Always Wanted to Know About Groundwater and Wells: <i>Jim Schultes, AC Schultes</i>
10:45 AM – 11:15 AM	Optimizing Performance of Media Filters – How to Maintain and Operate: <i>Richard Baraki, AWI USA, Inc</i>
11:15 AM – 11:45 AM	Student Poster Competition Judging in the Pre-function Area
3:15 PM – 3:45 PM	Speed Networking event for Students and Professionals
3:45 PM – 5:45 PM	Annual Business Meeting, followed by OPERATORS' BOWL & STUDENT COMPETITION : Organized by Licensed Operators & Student Affairs Committee

	Session B: Session Master – Ron von Autenried	Session C: Session Master – Mark Tompeck	Session D: Session Master – Joe Stanley
	REGULATORY • 1.5 Credits ♦■ • PO: Ron von Autenried • APO: Sandy Kutzing	SURFACE WATER TREATMENT • 1.5 Credits ♦●■ • PO: Mark Tompeck • APO: Joe Stanley	OPERATIONS I • 1.5 Credits ■□ • PO: John Hroncich • APO:
8:15 AM – 8:45 AM	Current NJDEP Initiatives for Asset Management for Drinking Water and Clean Water Utilities: <i>Dan Kennedy, NJDEP</i>	Rapid Delivery of Supplementary Summer Treatment Capacity Utilizing Microfiltration Membranes: <i>Brian Van Nortwick, EIT, H2M (FI), Jordan Spitzer-London, NJ American (FI)</i>	HELP!!!! I'm Taking the Operator's Exam – How Do I Prepare???: <i>William Mitchell, Trenton Water Works</i>
8:45 AM – 9:15 AM	Getting Ahead of Upcoming Federal and State Drinking Water Regulations and Activities: <i>Karen Fell, NJDEP</i>	Is It Still Okay? Decision Matrix For The Replacement of Filter Adsorber GAC: <i>James DeWolfe, Hazen and Sawyer, Brian Weir, New Jersey American Water</i>	How to Prepare for an NJDEP Inspection: <i>K. Crawford, K. Smith and F. Marascia</i>
9:15 AM – 9:45 AM	Treatment of Contaminants of Emerging Concern: <i>Mark Theiler, NJDEP (FI)</i>	Biologically Active Filters – An Advanced Treatment Process for PPCPs: <i>Stephen Gitungo, NJIT/Gannett Fleming, Shuangyi Zhang, NJIT (FI)</i>	
9:45 AM – 10:15 AM	Break (Coffee & Soda) Location: Exhibit Area		

- ♦ NJPE Credits
- NYPE Credits
- Water Operator Credits
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AWWA NJ 2016 Annual Conference (continued)

Wednesday, March 16, 2016 (continued)			
	Session B: Session Master – Ron von Autenried	Session C: Session Master – Mark Tompeck	Session D: Session Master – Joe Stanley
	SAFETY BY DESIGN • 1.5 Credits ◆●■ • PO: Gene DeStefano • APO: Ron von Autenried	PUMPING • 1.5 Credits ◆●■ • PO: Joe Stanley • APO: Mark Tompeck	OPERATIONS II • 1.5 Credits ◆●■ • POs: Joe Frissora • APO: John Hroncich
10:15 AM – 10:45 AM	Mitigating Operational Risks Through Awareness: <i>DiAsia S Brooks, Trenton Water Works FI, Theresa Ponella, Trenton Water Works (FI)</i>	New Heart is Central to Pump Station Improvements: <i>Joseph G. Stanley, PE, Mott MacDonald</i>	Revised Total Coliform Rule Revisions: <i>Carol Storms, Aqua NJ</i>
10:45 AM – 11:15 AM	Safety Upgrades at Carl J. Olsen Water Treatment Plant: <i>Jack Lihvarcik, Middlesex Water Company</i>	Using Existing Mechanical Energy to Backwash Filters During Rehabilitation of a Washwater Standpipe: <i>Jonathan Reed, CDM Smith (FI), Dave Brogle, Middlesex Water Company</i>	
11:15 AM – 11:45 AM	On-Site Safety during Tank Rehabilitation Project: <i>Nicole Clarke, Tank Industry Consultants</i>	Variable Frequency Motor Control – 30 Years of Lessons Learned: <i>Jeff Miller, Schneider Electric</i>	Electrical Safety in the Workplace – Arc Flash Hazards NFPA 70E: <i>Joe Bartolucci, NJ American Water</i>
11:45 AM – 1:00 PM	Lunch in the Exhibit Hall Location: Exhibit Area		
	TANK MIXING • 1 Credit ◆●■ • PO: John Hroncich • APO: Gene DeStefano	CONTAMINANT REMOVAL • 1 Credit ◆●■ • PO: Mark Tompeck • APO: Joe Stanley	HANDS-ON OPERATIONS I • 1 Credit ■ • POs: Bill Gettings, Bryan Slota, Laura Norkute, Ning Tong
1:00 PM – 1:30 PM	All Mixed Up? Picking and Choosing Your Tank Mixing System: <i>Bryon A. Killian, Entech Engineering</i>	Finding a Solution for Challenging Manganese and TOC Removal: <i>Russell Ford, CH2M</i>	Hydrant Maintenance and Repair – Hands-On: <i>Andy Clauhs, Mueller</i>
1:30 PM – 2:00 PM	Can Mixing at a Storage Facility Affect Water Quality? – A Case Study: <i>John Civardi, Mott MacDonald</i>	Rapid Small Scale Column Testing for PFOA Removal: <i>Michael Polito, Mott MacDonald</i>	Pressure Reducing Valves – Hands-On: <i>Bob Wadele, Harper Control Solutions, Inc.</i>
2:00 PM – 2:30 PM	Break (Coffee & Soda) Location: Exhibit Area		
	STORAGE • 1.0 Credit ◆●■ • PO: Gene DeStefano • APO: John Hroncich	PILOTING • 1.0 Credit ◆●■ • PO: Joe Stanley • APO: Mark Tompeck	HANDS-ON OPERATIONS II • 1.0 Credit ■ • POs: Bill Gettings, Bryan Slota, Laura Norkute, Ning Tong
2:30 PM – 3:00 PM	Frozen – Not the Movie: <i>Carmen Tierno and Eric Hahn, New Jersey American Water</i>	Ironman Challenge – Challenging Conventional Wisdom in Iron Removal: <i>Lindsey Olson, American Water, Sandra Kutzing, CDM Smith</i>	Leak Detection – Hands-On: <i>Greg Picher, AP Certified Testing</i>
3:00 PM – 3:30 PM	Extreme Makeover II – The Tank Edition: <i>Christine Gunsaulus, Entech Engineering</i>	Meeting Manganese Removal Goals Using Chlorine Dioxide – A Pilot Study: <i>Amy Gao, CH2M FI</i>	Instrumentation (calibration, Method 334, corrosion control and PO4 residual) – Hands-On: <i>Shane Reed, HACH</i>
3:30 PM – 3:45 PM	Break Location: Exhibit Area		
3:45 PM – 5:45 PM	Annual Business Meeting, followed by OPERATORS' BOWL & STUDENT COMPETITION Organized by Licensed Operators & Student Affairs Committee Location: Salon A		
9:00 PM	Special Event! Section Band "Water Hammer" Plays at MURR MURR Club Location: MURR MURR Club		

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- NYPE Credits
- Water Operator Credits
- Wastewater Operator Credits

AWWA NJ 2016 Annual Conference (continued)

Thursday, March 17, 2016			
7:30 AM – 8:30 AM	Interfaith Breakfast		
8:00 AM – 1:30 PM	Registration Open		
8:00 AM – 1:30 PM	Exhibits Open		
8:00 AM – 8:45 AM	Continental Breakfast in the Exhibit Area Location: Exhibit Area		
	Session E: Session Master – Joe Frissora	Session F: Session Master – Sandy Kutzing	Session G: Session Master – Brian Slota
	ASSET MANAGEMENT • 1.0 Credit ◆●■ • PO: Bill Gettings • APO: Joe Frissora	TREATMENT • 1.0 Credit ◆●■ • PO: Sandy Kutzing • APO: Ning Tong	OPERATIONAL RISK • 1.0 Credit ◆■□ • PO: John Rouse • APO: Gene DeStefano
8:45 AM – 9:15 AM	WIVI – Water Infrastructure Vulnerability Index: <i>Marco Valdivia, DSc., New Jersey Board of Public Utilities</i>	Pros and Cons of Disinfectants and Disinfection Methods: <i>Fred Sickels, FASickels Environmental Management, LLC, Joshua Palombo, Cape May County MUA, (FI)</i>	Designing Best Management Practices for Security in the Water/Wastewater Sector: <i>Audrey Miller, New Jersey Office of Homeland Security and Preparedness</i>
9:15 AM – 9:45 AM	Synchronizing Work & Asset Management with GIS: <i>Andrew Clarkson, American Water, Joe Bihler, New Jersey American Water</i>	Removing Contaminants from Surface Water: <i>John E. Dyksen, SUEZ Water, Jessica Kretch, CDM Smith (FI), Mili Patel, H2M (FI)</i>	“Protective Security Design” – DHS Tool Helps Design Security and Resilience Framework: <i>Mohamed Telab, Department of Homeland Security</i>
9:45 AM – 10:30 AM	Vendor Appreciation Coffee Break – No Food Location: Asset Management		
	DRBC • 1.5 Credits ◆●■ • PO: Joe Frissora • APO: Josh Hutson	GROUNDWATER SUPPLY • 1.5 Credits ◆●■ • PO: Ning Tong • APO: Sandy Kutzing	DISTRIBUTION • 1.5 Credits ◆●■ • PO: Gene Stefano • APO:
10:30 AM – 11:00 AM	The Delaware River Basin Commission and Shared Water Resource Management: <i>Steve Tambini, PE, Amy Shallcross, PE, Kent Barr, John Yagecic, PE - Delaware River Basin Commission</i>	Groundwater System Upgrades Provide Critical Reliability and Redundancy: <i>Scott Pendergrass, Mott MacDonald (FI), Earl Schneider, Mott MacDonald</i>	Pipe on Supports/Bridge Crossings: <i>Paul Hanson, DIPRA</i>
11:00 AM – 11:30 AM		ACMUA's Journey to Implementing an Aquifer Storage and Recovery Well: <i>Jim Lloyd, Hazen and Sawyer, Ernest Gratz, Atlantic City MUA</i>	NJTA Interchange 14A Improvements – Relocation of Century Old Watermains in Bayonne, NJ: <i>Shirisha Daita, Gannett Fleming (FI), Stephen Gitungo, Gannett Fleming</i>
11:30 AM – 12:00 PM		Well Replacement and Rehabilitation to Restore Firm Capacity: <i>Eileen Murphy, Hazen and Sawyer</i>	Structural Lining of Distribution Mains in Urban Centers: <i>Earl Schneider, Mott MacDonald, Tom Rudy, Mott MacDonald</i>
12:00 PM – 1:30 PM	Lunch in the Exhibit Area Location: Exhibit Area		
12:00 PM – 1:30 PM	Past Officer's Luncheon (Invitation Only) Location: 28 West		

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AWWA NJ 2016 Annual Conference (continued)

Thursday, March 17, 2016 (continued)			
	Session E: Session Master – Joe Frissora	Session F: Session Master – Sandy Kutzing	Session G: Session Master – Brian Slota
	MODELING • 1.5 Credits ◆●■ • PO: Josh Hutson • APO: Ron von Autenried	INFRASTRUCTURE MANAGEMENT • 1.5 Credits ◆●■□ • PO: Sandy Kutzing • APO: Chris Olson	NON-REVENUE WATER • 1.5 Credits ◆●■ • PO: Bryan Slota • APO: Gene DeStefano
1:30 PM – 2:00 PM	CFD Modeling and Chlorine Contactor Improvements: <i>Linda Wancho, CH2M Hill, Evan M Pantaleo, Member (FI)</i>	Building a Framework for Prioritizing Water Main Rehabilitation and Replacement, (IMC): <i>James Carolan, CDM Smith Inc., Jan Chwiedosiuk, Middlesex Water Company (FI)</i>	The Success Story of Anglian Water's Smart Water Network: <i>Marc Buchwald, Schneider Electric</i>
2:00 PM – 2:30 PM	Trends in Water Distribution System Modeling from the AWWA Engineering Modeling Applications Committee (EMAC): <i>Saša Tomic, HDR</i>	Taking the Plunge – Asset Management in 6 Months, (IMC): <i>Frank Biank, EIT, Jacobs Engineering Group (FI)</i>	PD40 NRW Reduction: <i>Antonio Vicente, P.E., SUEZ North America, Jack McNaughton, SUEZ North America</i>
2:30 PM – 3:00 PM	<i>A Proactive Approach to Meeting Distribution System Water Quality Regulations:</i> Lauren Fahnestock, Brown and Caldwell	Is It Time To Retire After 100 Years?: <i>Michael Altland, Mott MacDonald</i>	Acoustic Monitoring Minimizes Water Loss and Risks of Pipeline Failures, (LOC?): <i>Russell G. Titus, New Jersey American Water, John E. Marciszewski, Echologics LLC</i>
3:00 PM – 3:15 PM	Break		
	MODELING • 1.0 Credit ◆●■□ • PO: Chris Olson • APO: Josh Hutson	INFRASTRUCTURE MANAGEMENT • 1.0 Credit ◆●■□ • PO: John Hroncich • APO: Sandy Kutzing	NON-REVENUE WATER • 1.0 Credit ◆●■ • PO: Joe Frissora • APO: Laura Norkute
3:15 PM – 3:45 PM	Application of Ethics for Operators, Engineers and Managers: <i>Mike Furrey, Agra Environmental and Lab Services, John Civardi, Mott MacDonald</i>	Lowering Lifecycle Costs with Intelligent Motor Control Centers: <i>Dick McDonnell, Schneider Electric</i>	Providing Safe Drinking Water to Milot Haiti: <i>Hetal Mistry, P.E., SUEZ North America, Bill Prehoda, P.E., SUEZ Water New York</i>
3:45 PM – 4:15 PM		Filter Design, Operation, and Maintenance David Silverman, PSI Process and Equipment: <i>Thomas Kuehnel, Harper Control Solutions, Inc.</i>	Planning for a 1.75 million Resident Saudi Arabian Greenfield City: <i>David Stahl, EIT, HDR (FI), Jim Jensen, HDR</i>
6:00 PM – 10:00 PM	ATTENDEE APPRECIATION & AWARDS DINNER: Presentation of the George Warren Fuller Award, Next Generation Award, Door Prizes, and more! Location: Signature Room (Downstairs)		

- ◆ NJPE Credits
- NYPE Credits
- Water Operator Credits
- Wastewater Operator Credits

2016 Annual Conference Technical Program Highlights

By Eileen McCarthy Feldman

The Technical Program Committee has assembled a strong agenda for the 2016 Annual Conference focusing on providing interesting, worthwhile content to our Section members. Some highlights of our program include:

Water Quality Issues in the News – During the Regulatory session on Wednesday morning, experts from the NJDEP will be presenting on important and “in the news” topics including the Lead and Copper Rule, asset management, and emerging contaminants such as perfluorinated compounds (PFCs) and 1,2,3-trichloropropane.

Getting out of the Trenches – After a very popular trenchless technologies session at the 2015 Conference, we have planned a full day Opening Technical Session on all things trenchless technology. We will be covering planning, design and construction of trenchless projects including microtunneling and horizontal directional drilling. The session will close with a roundtable discussion to address all of your questions on the topic.

Operator Track with Hands-on Training – We have planned a full day of operator training for Wednesday. The morning session will provide a refresher on operator exams, NJDEP inspections, the revised total coliform rule and arc flash safety. The afternoon will be small breakout groups for hands-on training related to metering pumps, hydrants, disinfectant analysis and backflow prevention.

Evolving Processes and Technologies – Various presentations will include the latest and greatest information on filtration, pumping, challenging contaminant removal and non-revenue water to equip you for the year ahead.

Infrastructure Management – The Section’s Infrastructure Management Committee has assembled a group of talks to focus on asset management with a focus on developing frameworks and implementing asset management.

Practical Matters – Sessions focusing on issues that everyone needs to consider including water system security, operations and construction safety, and regulatory updates will be offered. Be sure to stick around on Thursday afternoon for one hour of ethics training required for New Jersey professional engineers.

Students and Young Professionals – The Student Affairs Committee and Young Professionals Committee have prepared a dedicated track on Wednesday to provide the history of water and a broad based understanding of filtration and groundwater supply. On Thursday morning, our retired professionals have teamed up with young professionals to exchange ideas on water treatment.

Throughout the conference program, we have aimed to offer at least one technical session at each time slot that qualifies for New Jersey Professional Engineer (CPC) and New Jersey Operator (TCH) continuing education credits. Our continuing education credits are still pending, and we strive to maximize the opportunities for our members to receive these important credit opportunities at a great value.

Eileen McCarthy Feldman, P.E., is a Senior Associate at Hazen and Sawyer and Chair of the Technical Program Committee.

Letter from the Chair *(continued from page 2)*

the support of their employees being involved in the Section – whether as a member of the BOT, as a committee member, or as a seminar or conference attendee. I would like to thank all of our dedicated volunteers and members for all that they do for our Section. Without our members, our Section would not nearly be as strong as it currently is.

As we near the annual conference, I would also like to acknowledge the hard work and dedication of two members of the Board of Trustees who will be leaving the Board over the next few months. Carol Walczyk, as current past-Chair, will be ending her 6th year as a member of the BOT and Mark Tompeck will be completing his 3-year role as Section Director. Please join me in thanking them for their countless hours serving the Section and the Association over many years. Although they are leaving the Board, we know they will continue to stay involved in Section activities moving forward. Thank you also to all members of the

Board of Trustees and our Section Manager, for all of their hard work over the past year.

I wish everyone continued best wishes as we wind down the winter months and move into the spring. I thank all of our nearly 1,250 members for being a member of the Section and I hope to see everyone at this year’s annual conference. Under the direction of Alex Wells and Eileen Feldman, chairs of the Conference and Technical Program committees respectively, I am confident that our 81st annual conference to be held March 15 to 18, 2016 in Atlantic City, NJ will live up to everyone’s high expectations.

Please reach out to me at tanzidj@cdmsmith.com should anyone have an interest in becoming involved (or more involved) in everything that our great Section has to offer.

David J. Tanzi, PE, BCEE is a Vice President and Senior Project Manager at CDM Smith and the Chair of the NJ Section.

Notification of Election for the Office of AWWA Director from the AWWA New Jersey Section

The AWWA New Jersey Section (Section) has received multiple nominations for the office of AWWA Director for the term of June 2016 to June 2019. One nomination was put forth by the Director Nominating Committee, in accordance with Paragraph 8.1.3 of the Section Bylaws. The other nomination was received by petition, as described and in accordance with Paragraph 8.3 of the Section Bylaws.

Therefore, in accordance with Paragraph 8.5 of the Section Bylaws, the AWWA NJ Section Secretary-Treasurer is notifying you, by this written statement, that:

AN ELECTION FOR THE OFFICE OF AWWA DIRECTOR WILL BE HELD

The Election will open on March 1, 2016 and will conclude at the Section's Annual Meeting, in accordance with Paragraph 8.5 of the Section Bylaws.

The Section's Annual Meeting will take place at the AWWA NJ Annual Meeting/Conference:

Wednesday March 16, 2016
(Voting will close at 2:00 pm ET that day)

The Borgata Hotel, Casino & Spa in Atlantic City, NJ

ELECTION/BALLOT PROCESS

As stated in Paragraph 8.5 of the Section Bylaws, the election shall be by individual ballots from members of the Section eligible to vote. The person receiving the highest number of votes to the office for which they were nominated shall be declared elected. In the event of a tie vote, the members of the Board of Trustees shall be polled to select which of the tied candidates shall be chosen. A majority of the Board of Trustees shall be required for election. The Section will be using a third-party online voting platform to conduct this election.

WHO IS ELIGIBLE TO VOTE

All AWWA NJ Section members in good standing* are eligible to vote:

- All eligible members at the time the election opens will be sent an e-mail containing a user-name and password, and a link to cast their ballot online.
- Eligible members who do not have a valid e-mail address should contact the Section Office to receive instructions on how to vote.
- Anyone joining AWWA after the election opens must contact the Section Office to obtain a username and password, or must cast their ballot at the Section's Annual Meeting in Atlantic City.
- No member may cast more than one ballot.

At the close of the election, all ballots cast shall be verified and counted; the election result will be announced at the Annual Business meeting, which will be held on the afternoon of Wednesday, March 16, 2016.

CANDIDATES

The following candidates are running for the Office of AWWA Director from the New Jersey Section:

Russell Ford, Ph.D, PE, BCEE

Stephen R. Blankenship, PE

*"Good standing" means your AWWA dues are paid in full. If you have questions about your AWWA membership status, please contact the Section Office at 866 436-1120.

The Section Bylaws can be viewed online at <http://www.njawwa.org/documents/bylaws.pdf>.

AWWA NJ 2015-2016 BOARD OF TRUSTEES

CHAIR

David J. Tanzi
CDM Smith

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TRUSTEE

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SECRETARY-TREASURER

Andrea McElroy
Passaic Valley Water
Commission

SECTION MANAGER

Mona Cavalcoli

Contact information for Board members is available on our website at www.njawwa.org.

Candidates: *The following candidates are running for the Office of AWWA Director from the New Jersey Section*



RUSSELL FORD, PHD, PE, BCEE

Dr. Russell Ford has dedicated his 30 year career to protecting public health and safety by advancing the field of drinking water treatment. His drinking water industry knowledge is acquired from his utility, consulting and academic experience. His local, national and global experience has positioned him to be Section

Director and a conduit between New Jersey and the AWWA. His service to AWWA NJ includes serving as Past Section Chair (2002-2003). After his time as Section Chair, Dr. Ford remained involved in the Section as Chair of the Strategic Planning Committee and Ad Hoc Governance Committee. The Ad Hoc Governance Committee modified the Section Bylaws to enable the current form of Section governance. In addition, Dr. Ford is a frequent presenter at local and national industry events. The Section presented him with the 2011 Research and Technology Transfer Award and the 2012 Fuller Award for this dedication.

Nationally, he serves as a member of the Standards Council and as a Water Science and Research Division Trustee. Dr. Ford served on the NJ's Drinking Water Quality Institute and is an Adjunct Professor at Stevens Institute of Technology. As an instructor at Cook College and Adjunct Professor at Stevens Institute of Technology, Dr. Ford has taught, coached and mentored many of New Jersey's current water industry engineers and operators. He is currently an appointed member of the USEPA's Science Advisory Board. He is firmly integrated into the water industry and understands what it takes to make things happen.

One of Russell's more fun moments as Section Chair was to start the section band, Water Hammer, which has been performing at the Section's Annual meeting since 2003. Russell can be seen playing saxophone and occasionally singing a tune or two. This is example of another unique way to get Section members together to enjoy being in the drinking water business. The social aspect and career networking portion of our business is as critical as the technical and operational issues we tackle every day. We are a safety net for each other and a network that continues to grow. Russell is excited to serve as the next Section Director where he can collaborate with the Section on a vision for the future of NJ's water industry and the next generation of water professionals.

Dr. Ford has a Bachelor's degree in Chemical Engineering from Syracuse University and Master and PhD degrees in Environmental Engineering from Stevens Institute of Technology. He is a licensed NJ Water Treatment Operator and Professional Engineer. He is an American Academy of Environmental Engineers Board Certified Environmental Engineer. Dr. Ford is CH2M's Global Service Leader for Drinking Water and Reuse.

Russell lives in Randolph, NJ with his wife Karen and his children Gregory, Katelyn and Jonathan. He volunteers in the community by coaching football, baseball and softball and also serves as a Cub Scout den leader.

*Nominated by Director Nominating Committee



STEPHEN R. BLANKESHIP, PE, CME

Stephen Blankenship has over 23 years of diverse experience in the water and wastewater field. Mr. Blankenship currently serves as the Executive Director/Chief Engineer for the Hamilton Township MUA and for part of that time served as the MUA's Licensed Operator. Steve previously served as the Staff Engineer/

Deputy Executive Director for the Gloucester County Utilities Authority. He received a B.S. in Civil Engineering from Rutgers University, holds professional engineering licenses in 3 states (DE, NJ & PA), a professional planner license in New Jersey, is a Certified Municipal Engineer and holds all 5 NJDEP operator licenses (C3, N2, S2, T3 & W3).

On multiple occasions, Mr. Blankenship represented the Section by attending AWWA Summer Workshops, Regional Meetings of Section Officers (RMSOs), a Membership Workshop, Annual Washington DC Fly-Ins and as a representative for the NJ Water Utility Council at ACE meetings. This has enabled him to develop professional relationships with other Sections, represent the Section before congressional representatives and to share knowledge gained with the Section. To raise the Section's profile, Steve will run for an AWWA Vice President position if selected. For the past 15 years, Steve has volunteered and served on multiple Section Committees: Conference (member), Technical Program (member & chair), Small Systems/Operator (member) and Strategic Planning (member). Steve currently serves on Infrastructure Management (Co-Chair), Membership (member), and on Water Utility Council (member).

In addition to the Section, Steve is actively engaged with other professional organizations within the water and wastewater community. He is the past president of the South Jersey Water Professionals Association and currently serves as Treasurer and Trustee. He's been a member of the NJ Water Environment Association for over 20 years and helped form its GIS-Asset Management Committee, where he currently serves as Co-Chair. Steve continues to serve on the Water and Legislative Committees of the Association of Environmental Authorities of NJ. He was also an instructor for NJDEP Licensed Operator classes (Intro to Water & Wastewater, Industrial Wastewater and Advanced Collection System). Steve is actively involved in various civic activities. He was nominated by the Governor to serve on the New Jersey Water Supply Advisory Council, where he represents public (municipal and county) water utilities. He serves on the Atlantic Cape Community College Science Advisory Board, where he is providing input on a degree program for licensed operators, and as a member of the Atlantic County Groundwater Advisory Committee. Steve previously served on Township Council, Planning and MUA Boards.

Steve believes in AWWA's core principles (protecting public health, safeguarding the environment, pursuing excellence, acting with integrity, providing value and fostering diversity and inclusion) and has tried to follow them throughout his career and as a Section volunteer.

In summation, Mr. Blankenship's utility background; volunteerism; and mentoring of future operators/staff gives him a unique perspective. Steve will work hard to exemplify AWWA's vision for a better world through better water on behalf of the Section and the Association.

* Nominated by Petition

Does Your Utility Have the Best Tasting Water?

...care to put it to the test? *By Summer DeFeo*

It's Back at this year's Annual Conference!

Utilities are invited to participate in a water taste test contest on Wednesday, March 16th from 11:00 am to 2:00 pm.

The winning utility will be awarded a trip* for one representative from the utility to participate in AWWA's Best of the Best at the AWWA National Conference and Exposition (ACE) in June. This year's conference will be held in Chicago, IL, June 19-22, 2016.

Participating utilities must abide by the following rules:

- Five samples should be sent, each in a 1 L container. Utilities can use the container of their choosing. Each sample should be clearly identified with the name of the water system.
- Samples must be dropped off by 9am on the morning of the water taste test (Wednesday, March 16.) Please drop the samples off at the registration desk in the conference hall.
- Samples will be served at room temperature to help the judges better assess each sample.

The winner will be announced on Wednesday afternoon, before the Operator's Bowl.

SIGN UP EARLY AS SPACE IS LIMITED TO 8 PARTICIPANTS!

Those interested in participating in the water taste test should contact Summer DeFeo at sdefeo@middlesexwater.com or by calling 732-638-7510.

*The maximum amount allotted would be \$1,200 which would reimburse the winning utility's representative toward travel, accommodation, and registration. The method of reimbursement would be in accordance with current AWWA NJ guidelines.

**Participating utilities must be affiliated with AWWA, either with a Utility or Individual membership; participating utilities must not have had any state or federal violations in the last calendar year. All utilities must meet any criteria specified by AWWA in order to compete.

Summer DeFeo is the Communications Coordinator at Middlesex Water Company and Chair of the Public Information Committee



EPDC Seminar *By Jonathan Reed*

The Education and Professional Development Committee (EPDC) will be hosting a seminar on May, 18 2016 at the Middlesex Fire Academy in Sayreville, NJ. The seminar will have a morning and afternoon session. The morning session will focus on professional ethics for operators and engineers. Attendees of the morning session will be eligible for 3 training contact hour (TCH) credits and will satisfy the ethics requirement for NY and NJ PE license renewal.

The afternoon session will focus on the Lead and Copper Rule (LCR) and the implications of not maintaining the Water Quality Parameters (WQP) associated with the rule. First published by the EPA in 1991, the LCR was established to minimize lead and

copper leaching into drinking water from customer service lines and internal plumbing. Given the recent water crisis in Flint, Michigan, which has captured the attention of the entire nation, there is a renewed focus on WQP and corrosion control. The EPA is currently reviewing the LCR and is deliberating potential changes to the rule in the near future. This session will feature presentations by Dr. Sheldon Masters of Corona Engineering and John Civardi of Mott MacDonald. Attendees of the afternoon session will be eligible for 3 TCH credits.

Jonathan Reed is an Environmental Engineer at CDM Smith and a member of the Educational and Professional Development Committee

Retired Professionals, Living History, Knowledge Sharing ... Oh My... What We Have Planned for the Annual Conference!

By Stacy Fysz Cacallori

The Retired Professionals Committee is excited to announce our offerings for you at the Annual Conference.

Throughout the Conference the 9th Annual Living History Video will be available for viewing. This year, check out the one-on-one conversations that Neil Goldfine had with Brent Cacallori, PE, former General Superintendent & Chief Engineer of the Trenton Water Works and with Rocco J Maiellano, former Executive Director of the Evesham Municipal Utilities Authority. Listen to their inspirational stories and hear what helped shaped their careers in the water industry.

On Thursday morning, the Retired Professionals Committee is sponsoring the Knowledge Sharing Session. Two recently retired

industry leaders John E. Dyksen and Fred Sickels team up with and share their knowledge with young professionals Joshua Palombo, Mili N. Patel, and Jessica A. Kretch. Join us for this exciting two-presentation session. Fred Sickels, FAS Env. Management LLC and Joshua Palombo, MBA, Cape May County Utilities Authority will present: Drinking Water Disinfection, Pros & Cons of Disinfectants and Disinfection Methods. John E. Dyksen, PE, Consultant, Mili N. Patel, H2M architects + engineers, and Jessica A. Kretch, CDM Smith will present: Removing Contaminants from Surface Water.

Looking forward to seeing you at the Conference!

Stacy A. Fysz, is an independent utility consultant and is a member of the Conference Committee and Retired Professional's Committee.

Download the **AWWA NJ 81st Annual Conference App!**

The AWWA NJ 81st Annual Conference has gone mobile using **Guidebook!**

We strongly encourage you to download the mobile guide to enhance your experience at the AWWA NJ 80th Annual Conference. You'll be able to plan your day with a personalized schedule, browse exhibitors and sponsors, access interactive maps to help you find a session or exhibitor booth and receive reminders for events. You will also be able to provide feedback on presentations with our new feedback forms and download presentation information.



The app is compatible with iPhones, iPads, iPod Touches and Android devices. Windows Phone 7 and Blackberry users can access the same information via the mobile site at <http://guidebook.com/browse/>.

To get the guide, choose one of the methods below:

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SECOND STEP

The guide will be listed under the "Download Guides" section of the application. Search "AWWA NJ."

See you at the event!

The AWWA NJ Conference Committee

Exhibit Space for the 81st Annual Conference is Sold Out Again!!

If you are interested in exhibit space, please contact Mona Cavalcoli at 866-436-1120 or mona@njawwa.org to be placed on the waiting list.

Currently Registered Exhibitors:

A.C. Schultes, Inc.	Eurofins QC, Inc	Krausz USA	Pyrz Water Supply Co
AP Certified Testing, LLC	Fisher Tank Company	KTM Associates, Inc.	Quality Controls inc
Aqua Metrology Systems (AMS)	Fleet Pump	Layne	Rapid Pump & Meter Service Co, Inc
AQUA New Jersey	Ford Meter Box Co, Inc.	Leggette Brashears & Graham	Raritan Group
Aqua Smart Inc	FSRC Tanks Inc	Liftmaster	RePipe 4710, Inc
Arkema Inc	G.P. Jager Inc / Evoqua Water Technologies	Lonza Microbial Control	Rio Supply Inc
Automatech	Garden State Laboratories	Lowell Corp	Riordan Materials Corporation
Badger Meter	GCF KIT ZELLER	MARS Company	Roberts Filter Group
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DN Tanks	Kershner Environmental Technologies, LLC	Preload, LLC	Vivax-Metrotech
Dyer Sales	Klenzoid	PS&S, LLC	Water For People
Eastcom Associates, Inc.	Koester Associates	PSI Pump & Process	Water Remediation Technology, LLC
Emerson Process Management		Pure Technologies	Water Works Supply Co, Inc
Envirolutions, LLC		Purolite Corporation	

Student Day 2016 *By Eleana Little*

	Session H: Session Master – Chris Olson
7:30 AM – 8:15 AM	Continental Breakfast for Students Location: Outside Student Studio
	STUDENT AFFAIRS I 1.5 Credits ♦●■ PO: Chris Olson APO: Eleana Little
8:15 AM – 9:45 AM	Traveling Back in Time – Water History: <i>Student Affairs, FI</i>
	STUDENT AFFAIRS II 1.0 Credit ♦●■ PO: Laura Norkute APO: Eleana Little
10:15 AM – 10:45 AM	12 Things I Always Wanted to Know About Groundwater and Wells: <i>Jim Schultes, AC Schultes</i>
10:45 AM – 11:15 AM	Optimizing Performance of Media Filters – How to Maintain and Operate: <i>Richard Baraki, AWI USA, Inc</i>
11:15 AM – 11:45 AM	Student Poster Competition Judging in the Pre-function Area
3:15 PM – 3:45 PM	Speed Networking event for Students and Professionals
3:45 PM – 5:45 PM	Annual Business Meeting, followed by OPERATORS’ BOWL & STUDENT COMPETITION : Organized by Licensed Operators & Student Affairs Committee

Wednesday, March 16, will be Students’ Day at the Annual Conference, where undergraduate students from all levels, graduate students, and even some advanced high school students will learn about the water industry and be introduced to the AWWA NJ community.

A dedicated track for students will be held in the morning. Topics of focus include the historical and regulatory side of drinking water, with Laura Norkute and Mark Theiler presenting, and a “Why I Work for Water” forum with young professionals. Technical presentations for students will include “12 Things I Always Wanted to Know about Groundwater and Wells,” presented by Jim Schultes, and “Optimizing Performance of Media Filters,” presented by Richard Baraki.

Many students will participate in the student poster competition, which will be judged from 11:15 to 12:00. All conference attendees (not just judges!) are encouraged to stop by the posters and speak with the students about their projects and research. There are undergraduate and graduate categories, with prizes of \$300 for first place, \$200 for second place, and \$150 for third place.

In the afternoon, students will be encouraged to attend technical presentations or hands-on training sessions and/or volunteer at the conference bookstore. Whichever option(s) they choose, students should have the opportunities to immerse themselves in the conference and learn more about careers in water from professionals in all areas of the industry.

For many students, this is their first professional conference, so please feel free to introduce yourselves, and be sure to help to make them feel welcome throughout the day! However, if the afternoon creeps up on you and you feel you haven’t quite gotten the chance yet, fear not – we’ll have speed networking for students and professionals from 3:15 to 3:40 in the large hallway outside the Board Rooms. Jump in and meet the faces of the future of water!

Finally, the much-anticipated annual trivia bowl will take place from 4:00 to 5:00, pitting mixed teams of students and operators against one another. Which team will take home the prize, the trophy, and bragging rights in 2016? Come cheer on the participants as they put all their studying to good use.

The Student Affairs Committee hopes that student attendees will come away from the conference with their eyes opened to a broader array of issues in the water industry, and that they will be inspired to pursue (or continue pursuing) careers in drinking water. We hope you’ll join us in giving the students a warm welcome to the community!

Eleana Little is an Assistant Engineer at Hazen and Sawyer and a member of the Student Affairs Committee.

March 1–31, 2016

Women's HISTORY Month



Photo left: Historical Photo Collection of the Department of Water and Power, City of Los Angeles

Spouse. Colleague. Leader. AWWA and our members celebrate Women's History Month. Women's History Month recognizes the contributions of women who have broken the precast mold of history within our industry and paved the way for women to occupy every possible space within the world of water.

Join us in paying tribute to the many contributions that women have made to our industry, country, and world.



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Water Crisis in Flint, Michigan Reignites Discussion Amongst Elected Officials on the Water Infrastructure Bill *By Anthony Tomasello*

There is no question that the recent water crisis in Flint, Michigan has brought the issue of water quality to the forefront of the public's mind. A typically silent industry, water systems all over the country are now under the microscope, and people want to know they're safe. However, we have all probably seen the discouraging report cards from ASCE, and frequent water main breaks are indicative of an aging water system in need of serious upgrades.

New Jersey Congressman Bill Pascrell and Senators Bob Menendez and Cory Booker held a press conference on February 8, 2016, at a SUEZ Water garage in Hackensack to discuss a plan to reintroduce a bill that would help pay for repairing the nation's water infrastructure by offering tax breaks on government-backed bonds. The goal of the Sustainable Water Infrastructure Act is to stimulate revenue with private-sector investment to fund large-scale repairs and upgrades to state water systems. The bill proposes modifications to the federal tax code by removing existing limits on government private activity bonds for water infrastructure projects, thereby making it easier to finance water infrastructure improvements.

Senator Booker referred to the legislation as "common sense" and added, "We cannot wait for another health crisis like...Flint, Michigan. We have got to be proactive...to a crisis."

In 2014, the bill passed through the House of Representatives but fizzled out in the Senate. That was before the water crisis in Flint and before water quality became water quality became a reoccurring topic on the nightly news.

Anthony Tomasello, PE CCM is an Associate at Mott MacDonald and a member of the Publications Committee

Come See Comedian Jeff Norris Perform at the Attendee Appreciation and Awards Dinner!

Jeff is an energetic whirlwind of comedy. He is a favorite in both Atlantic City and Vegas. He has also most recently partnered with Royal Caribbean Cruise Lines. Over the years, Jeff has appeared on numerous TV and film roles including HBO's *Boardwalk Empire* and *OZ*, *Good Morning America*, *My Super Ex-Girlfriend* and *Not Fade Away*.

Jeff is one of the most quick-witted acts working today – hardly pausing for a breath as he tears through his act, keeping the audience alert and in stitches from beginning to end. Jeff has been called a complete pro – one of the few remaining comics that understands the importance of showmanship and presentation.

Jeff works tirelessly in support of many charities and fund-raising events. Jeff has helped raise more than \$180,000 for the victims of Hurricane Sandy and more than \$150,000 for the K9s for Warriors whose mission is to aid those warriors suffering from PTSD. In addition to the multiple groups he supports, Jeff was recently recognized by the NJ State Police for his work in support of the Troopers Assisting Troops for Wounded Warriors (the T.A.T. Program). Buddy can be seen on *Gotham Comedy Live* *AXS TV*, has two appearances on nickmom *Night Out* and is a contributing writer on nickmom's *Actual Housewives* of the PTO.



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AWWA NJ appreciates the support of all of our sponsors throughout the year. For more information on the AWWA NJ Sponsorship Program, visit our website at www.njawwa.org.



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ANNUAL CONFERENCE & EXPOSITION

JUNE 19–22, 2016
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REUSE

WASTEWATER

STORMWATER

2016 AWWA Individual Application



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Contact Information

Name Mr. Ms. Mrs. Dr.

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 Email

Annual Dues (A1)

- Individual Active \$209**
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 \$126**
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 \$86**
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)

2016 New Jersey Section Individual Application

Join online: www.awwa.org/join
Mail to: AWWA Customer Service
6666 West Quincy Avenue
Denver, CO 80235-3098 USA

Fax to: 303.347.0804
Contact Customer Service at
1.800.926.7337 or 303.794.7711
service@awwa.org

Payment

Annual Dues (A1) \$ _____

Additional Sections* (A2) \$ _____

**If applicable* Total \$ _____

Payment Method

- Check enclosed
(make payable to AWWA, US currency only, US bank only)
- 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.

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

MORE

2016 AWWA Individual Application *(continued from page 17)*

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.)
- I Professorial (Educator, Teacher, etc.)
- Z Other (please specify) _____

What one category best describes your field served/principal activity?

(Please check only one)

- 9 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)*

- | | | | |
|--|--|--|---|
| <input type="checkbox"/> Asset Management | <input type="checkbox"/> Drought | <input type="checkbox"/> Reuse | <input type="checkbox"/> Water Research |
| <input type="checkbox"/> Backflow/Cross Connection | <input type="checkbox"/> Emergency Preparedness/Security | <input type="checkbox"/> Small Systems | <input type="checkbox"/> Water Resources/Planning |
| <input type="checkbox"/> Climate Change | <input type="checkbox"/> Groundwater | <input type="checkbox"/> Stormwater | <input type="checkbox"/> Workforce Strategies |
| <input type="checkbox"/> Conservation/Efficiency | <input type="checkbox"/> Laboratory | <input type="checkbox"/> Training/Career Development | <input type="checkbox"/> Young Professionals |
| <input type="checkbox"/> Customer Service | <input type="checkbox"/> Membrane Treatment | <input type="checkbox"/> Utility Management | |
| <input type="checkbox"/> Desalination | <input type="checkbox"/> Public Health | <input type="checkbox"/> Wastewater | |
| <input type="checkbox"/> Design/Construction | <input type="checkbox"/> Public Info./Communications | <input type="checkbox"/> Water Loss | |
| <input type="checkbox"/> Distribution/Plant Ops. | <input type="checkbox"/> Regulatory Issues | <input type="checkbox"/> Water Quality/Treatment | |

Gender Male Female (Optional)

Birth Year _____ (Optional)

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Have an Idea for Research?

Let us know and we will help get it to the Water Research Foundation. Just fill out this short form and e-mail it to the section manager, mona@AWWANJ.org. A member of the Research and Technical Transfer Committee will contact you for more details.

Name _____ Name _____

Phone Number _____ Phone Number _____

E-mail Address _____ E-mail Address _____

Issue/Research Idea

Issue/Research Idea

May someone from the Research and Technical Transfer Committee contact you? Yes No

May someone from the Research and Technical Transfer Committee contact you? Yes No

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