LETTER FROM THE CHAIR  By David Tanzi, PE

Earlier this year, the Section set a number of goals to undertake during the year. Many of these goals were related to increasing membership, retaining members and getting our members engaged in the Section. There are many ways we are working on doing this and there are many individuals within the Section who are contributing to these efforts with many different programs that you may have noticed.

DON’T MISS THE 7TH ANNUAL SPORTING CLAYS EVENT!

**Tuesday November 10, 2015**

Join us for what’s become one of our most fun events: Sporting Clays. This year, the Licensed Operator Committee teams up with Water For People to make this event not only fun, but also a fun way to raise money for people around the world who live with limited or no access to safe water or sanitation.

WATER FOR PEOPLE’S SUMMER RECAP AND FALL SCHEDULE

By Erika Vardaxis, PE

AWWA NJ and Water For People hosted the 6th Annual “Family Night @ the Ballpark” at Arm & Hammer Park in Trenton on Friday, July 24th. The visiting Binghamton Mets defeated the hometown Trenton Thunder in a thrilling 17-inning 2-1 ballgame.
Letter from the Chair  (continued from page 1)

For those that missed the annual fall conference that was recently held, you missed one that spanned the spectrum of the water industry – both in topics and in speakers. I don’t think there are too many other single day conferences where you are able to receive up to 6 continuing education credits for topics ranging from cyanotoxins and algae blooms to well rehabilitation to metering for unaccounted for water wrapping up with a full one hour session on ethics. All of this presented by speakers spanning an equally broad spectrum – from water utilities, to the New Jersey Department of Environmental Protection, to contractors, consultants and manufacturers. This is truly a testament to the hard work of our Section’s program and conference committees led by Eileen Feldman, Alex Wells and Gene DeStefano – all who have put many hours over the past several months into the fall program. Although a year away, consider attending next year’s fall conference if you were not able to make it this year.

Maybe you are a new member and recently received a welcome package and phone call from our membership committee, led by Pat Cole. Or maybe you’re a student and although you don’t know it, but will be visited by a member of the student affairs committee (led by Sophia Heng) and the Board of Trustees in the upcoming semester to listen to professionals speak about career’s in water and new scholarship opportunities. Or maybe you’re an operator, engineer or utility member who attended a free two day workshop this past April to learn about drinking water regulations and steps to avoid costly violations.

And maybe you just like tasting wine and whiskey for a good cause and a few weeks ago attended the 10th Annual Wine Pairing Event organized by the Water for People (WFP) committee which raised over $25,000 for Water for People. These contributions are used by WFP to “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: Honduras, Guatemala, Nicaragua, Bolivia, Peru, Malawi, Rwanda, Uganda, and India. I would like to personally thank the entire WFP committee who were involved in the planning of this year’s event led by Erika Vardaxis. Their hard work and dedication to making this event such a success is commendable and very much appreciated by me and by all of those that are impacted by the results of this worthy event.

On behalf of the Board of Trustees and the AWWA NJ WFP committee, whether you were an attendee, sponsor or donor – thank you for helping WFP fulfill their goal, our collective goal, of people in developing areas around the world having access to safe, continuous water – water for everyone, forever.

Whatever your recent experience was, you already know that the Section offers invaluable resources to its members. For those who are not members, I would encourage you to consider becoming one. For those who are members, I would encourage you to become more involved and engaged in Section activities – join a committee, attend a committee meeting, attend an upcoming event, or just encourage a co-worker to become involved. The “Section” is a volunteer organization and our strength and our future comes from our volunteer members. You can make this organization whatever we want it to be. Ask those that have been involved over the years and they will probably all tell you the same thing – the benefits go far beyond just collecting continuing education credits.

And finally, I would like to remind everyone of some upcoming events that the Section will be conducting:

- November 10, 2015: Sporting Clays Event at Lehigh Valley Sporting Clays, PA – a joint event by the Licensed Operators and WFP committees.
- December 2, 2015: USEPA Training: Smart Management for Small Drinking Water Systems
- December 2, 2015: Water Finance Forum Workshop
- Student Filter Building Contest in February 2016
- March 15-18, 2016: Annual Conference in Atlantic City, NJ. The program committee is actively working on developing the overall program which will include a full day licensed operator and student track.

Please also be on the look-out for a revised student scholarship program that is being developed by the student affairs committee and for a new operator scholarship program that is being developed by the licensed operators committee.

As we enter the upcoming winter months, I wish everyone safe travels and best wishes for the holiday season.

David Tanzi is a Vice President and Senior Project Manager at CDM Smith and the Chair of the NJ Section

Students, Looking for:

- Job resources
- Professional experience
- Networking opportunities

Join by November 20th and the AWWA NJ Section will pay for your membership!!!! To take advantage of this offer, contact Patrick Cole at pcole@h2m.com
Operational Risk Committee Update  By John M. Rouse

The Operational Risk Committee (ORC) continues to work to provide guidance on water sector security best practices and to help our members understand the resources available. We are working on a number of new projects in 2015 and welcome any input from AWWA NJ members. Earlier this year at the Annual Conference, the committee delivered a Q & A with professionals engaged in the protection of critical infrastructure in New Jersey. The New Jersey Office of Homeland Security and Preparedness (OHSP) and The Department of Homeland Security (DHS) agreed to present discussions during the Thursday sessions and several AWWA NJ members polled indicated they felt it was a unique opportunity to learn more about security best practices in the water sector.

Presently, the ORC is discussing the possibility of rolling out a monthly e-newsletter to interested members. Several Committee members indicate many of our colleagues may not have access to infrastructure protection information other members may receive through their utility subscriptions to services like WaterISAC (Water Information Sharing and Analysis Center). Additional services such as MS-ISAC (Multi-State Information Sharing and Analysis Center) focus on cyber security, while EMR-ISAC (Emergency Management and Response Information Sharing and Analysis Center) promotes critical infrastructure protection and resilience by emergency services nationwide. Accessing all of this information can be important for managers and responders in the sector as we prepare and plan for response and mitigation of hazards facing the water sector today. Whether we are faced with natural disasters or security threats, the information collected and available through these services, from government and private sources, can provide planning information, timely alerts, and a context over time that prepares each of us to better understand global changes in climate in addition to updates in physical and cyber security.

The ORC is evaluating the need within the sector and also the method of selecting appropriate infrastructure protection information to provide an e-newsletter to interested members and members without the resources to procure this information through subscriptions. The form and function of the newsletter must be discussed further. We are planning to reach out to other committees to discuss who may benefit from this service. Please contact us via email to provide any input, ideas or suggestions to the Committee so we can consider them as we move ahead.

Committee members are planning a Fall seminar for 2016, and this allows plenty of time to ensure there are no conflicts with other AWWA NJ events. We are currently developing a list of SMEs (subject matter experts), and we are planning to present topics related to both safety and security. These may include confined space training, emergency management planning, active shooter training, contemporary infrastructure protection information/alerts and others. We plan to provide a full day to include lunch and the location will be determined in time for the 2016 Annual AWWA NJ conference. If you identify a topic or an area of interest where the committee may be of assistance, or may provide additional guidance, please contact us via email. We can be reached at the following addresses: jrouse@brickmua.com and pkozakiewicz@smcmua.org

The Committee would like to wish everyone a safe and prosperous 2015 and we look forward to working more with our AWWA NJ members in 2016.

John M. Rouse works in the Operations, Security & Emergency Management Department at Brick Township Municipal Utilities Authority and is and Co-Chair of the Operational Risk Committee

Don’t Miss the 7th Annual Sporting Clays Event!  (Continued from page 1)

Tuesday November 10, 2015

Register now for this great event – or sign up for sponsorship opportunities. The event will take place at Lehigh Valley Sporting Clays in Coplay, PA.

CLICK HERE to access the complete flyer and sponsorship details

Register online now at www.njawwa.org/member-registration

Cost is $75 (includes facility charge, targets, gun rental, ammo and lunch)

For more information contact Max Huber at 973-989-0100 or call Carmen Tierno to help sponsor this event (609-605-2271).

FIRST TIMER? NO EXPERIENCE IS REQUIRED TO PARTICIPATE! YOU MIGHT NOT KNOW IT, BUT SECTION MANAGER MONA CAVALCOLI (BELOW) HAD NEVER HELD A GUN BEFORE – CLEAR PROOF THAT ANYONE CAN HAVE FUN AT THIS EVENT!
Small Water Utilities and the Need for Social Media  By Sean Fitzgerald

The days of any utility claiming that it “has hostages, not customers” have come to an end. Water consumers are discovering that they are not limited to their local water provider and are voting to replace them, as 65% of Haddonfield, NJ voters decided to do last November. And while other towns and cities voted against the sale of their local water utilities, they’re vote may no longer matter. The passing of the Water Infrastructure Protection Act removes the ability to decide from the voters and places it in the hands of town mayors and councils. This is the world that many in the water industry are just now starting to realize is out there. It’s a world ignored at one’s own peril. Water utilities all over the country are witnessing this change taking place and are beginning to act in order to maximize customer service, public relations, and overall viability in the ever changing world around us. They are turning to social media in order to help them achieve this goal.

During the later months of 2014 the Merchantville – Pennsauken Water Commission did just that. Noticing a number of both complaints and misinformed posts originating on local neighborhood Facebook pages the MPWC decided to take action. Research was conducted into how the MPWC could neutralize these issues and whether a social media strategy was worth pursuing.

What the MPWC found was that as the decade reaches its midway point certain facts concerning media are becoming clear. Conventional media, such as TV, radio, magazines, and newspapers, are seeing their revenue and viewership stagnate or decline. Meanwhile, the internet is in ascendancy. Every major social media site has seen their memberships increase exponentially with no sign of slowing. According to Nielsen, YouTube reaches more US adults ages 18-34 than any cable network. Major networks like HBO are going so far as to establishing an online streaming channel in defiance of the cable conglomerates wishes.

<table>
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<tr>
<th>Percentage of Social Media Users By Age Group</th>
<th>According to Pew Research Center*</th>
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<tr>
<td>18 – 29</td>
<td>89%</td>
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<tr>
<td>30 – 49</td>
<td>72%</td>
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<tr>
<td>50 – 64</td>
<td>60%</td>
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<td>65 +</td>
<td>40%</td>
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As noted in the table above, the majority of every age group of home owning age is using some form of social media. As the country’s water consumers continue to age more of them will be conditioned to having social media bring a company’s message to them, not the other way around. It is important that each of these age groups receives accurate and up to date information about their water source and supply from the ones who should be providing it. That means the water providers themselves.

The customer must always be treated like the most important person in world. To that end, it is becoming absolutely necessary to provide them with every means available to offer them support, knowledge, and help through whatever channels possible. Types of assistance that can be provided can range from notification of road closures due to main breaks, service and hydrant repairs, and notifications of hydrant flushing for water complaints or regular flushing, as well as responding to individual user issues.

One of the biggest complaints voiced by those largely unfamiliar with social media is the fear that their social media presence will become over run with negative comments and complaints. With any attempt to reach out to the public there may be some concern for negative reactions or comments. While this is inevitable in any venture, social media sites such as Facebook and YouTube offer many ways to block or prevent abusive or negative feedback while still providing the best customer service possible. Some organizations opt out of allowing any communication to be posted on its Facebook page at all. They instead keep their page a “one way street” producing and dispersing information while only allowing communication through private messages sent directly to the pages’ administrator.

One of the negative aspects of the proliferation of social media sites is the spread of misinformation and slander. When put forth by members of a community with either name recognition or some level of authority it only lends a level of credibility to wrong information. If there is no counter voice of reason or truth, these lies or misinformation can tend to spawn believers who will only continue spreading misinformation. It should be every water professional’s job to be the “adult” voice in the social media room. With the years spent on the job, in classrooms, and training seminars there is no excuse for allowing uninformed member of the public to establish themselves as an expert on water related issues in your communities. With your water utilities good name and possible existence hanging in the balance, the world of social media may very well be your best and final defense.

Sean Fitzgerald is Director of Social Media, Safety Coordinator, and a Treatment Technician at Merchantville – Pennsauken Water Commission and a member of the Public Information Committee


* http://www.pewinternet.org/fact-sheets/social-networking-fact-sheet/
Water Finance Forum Workshop

FREE Training Opportunity
for Small Systems Operators and Managers
Wednesday December 2, 2015
Iselin, NJ

The objective of this one-day forum is to provide participants with financial tools to ensure their water systems can continue to deliver safe reliable water for years to come while ensuring financial sustainability. Topics will cover all aspects of the overall financial management and planning of the water system fund.

Information will be shared in lecture format, through interactive exercises, sharing of case examples, and by soliciting and answering participant system-specific questions and scenarios.

When: Wednesday Dec 2, 2015
9:00 am - 4:30 pm

Where: The Training Room at Hatch Mott MacDonald
111 Wood Avenue South
Iselin, NJ 08830

Cost: FREE

Register: Register online at:
http://efcnetwork.org/events/new-jersey-water-finance-forum-workshop/

Space for this workshop is limited. The workshop is designed for small systems (10,000 service connections or less). Preference will be given to small systems operators and managers; space will be made available for others to the extent possible.

This workshop is currently pending the approval of TCHs for operators in NJ. This educational opportunity is a collaborative effort from the Environmental Finance Center Network, the American Water Works Association, and the AWWA New Jersey Section.
Calling All Young Professionals! By Patrick K. Cole, PE

Are you a Young Professional? The NJ Section of AWWA sees tremendous value in your participation! We are especially interested in seeing you and your colleagues throughout the year at section events, and at our huge variety of committee meetings. What can you bring to the world of AWWA NJ? First – we value your fresh perspectives. It is through the input of new members of our industry that we grow, stay timely, and remain topical. Additionally, Young Professionals increase the vitality and energy of our dozens of committees. Are you interested in contributing to our industry, or the well-being of people from around the world? Do you have leadership skills? We can put them to use! How about organizing and teambuilding? Our committees and events are a place to grow your network, and gain early recognition in the Water industry. Please consider contacting one of our committee chairs – you are welcome at any of our coming committee meetings:

COMMITTEES

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<th>Committee</th>
<th>Chair</th>
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<tr>
<td>Conference</td>
<td>Alexandra Wells</td>
<td>973-912-2555</td>
<td><a href="mailto:alexandra.wells@hatchmott.com">alexandra.wells@hatchmott.com</a></td>
</tr>
<tr>
<td>Conference Registration</td>
<td>Mike Piemontesi</td>
<td>201-767-3111</td>
<td><a href="mailto:mj@bjinc.com">mj@bjinc.com</a></td>
</tr>
<tr>
<td>Education/Prof. Dev.</td>
<td>Oleg Kostin</td>
<td>732-302-3125</td>
<td><a href="mailto:oleg.kostin@amwater.com">oleg.kostin@amwater.com</a></td>
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<tr>
<td>Financial Advisory</td>
<td>Howard Woods, Jr.</td>
<td>215-579-9912</td>
<td><a href="mailto:howard@howardwoods.com">howard@howardwoods.com</a></td>
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<tr>
<td>Information Tech.</td>
<td>Mona Cavalcoti</td>
<td>866-436-1120</td>
<td><a href="mailto:mona@njawwa.org">mona@njawwa.org</a></td>
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<td>Manufacturers and Assoc.</td>
<td>Wally Budalski, Robert Waldele</td>
<td>609-417-7175, 973-627-5200</td>
<td><a href="mailto:wjbllc@gmail.com">wjbllc@gmail.com</a>, <a href="mailto:waldele@embargmail.com">waldele@embargmail.com</a></td>
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<tr>
<td>Membership Services</td>
<td>Patrick Cole</td>
<td>732-414-2661</td>
<td><a href="mailto:pcole@H2M.com">pcole@H2M.com</a></td>
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<td>Operational Risk</td>
<td>John Rouse, Paul Kozakiewicz</td>
<td>732-701-4245, 973-326-6865</td>
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<tr>
<td>Public Information</td>
<td>Summer DeFeo</td>
<td>732-638-7510</td>
<td><a href="mailto:sdefeo@middlesewater.com">sdefeo@middlesewater.com</a></td>
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<td>Publications</td>
<td>Brian Applegate</td>
<td>973-912-7500</td>
<td><a href="mailto:brian.applegate@hatchmott.com">brian.applegate@hatchmott.com</a></td>
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<td><a href="mailto:mona@njawwa.org">mona@njawwa.org</a></td>
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<tr>
<td>Research &amp; Tech Transf.</td>
<td>Anthony Matarazzo</td>
<td>973-564-5700</td>
<td><a href="mailto:anthony.matarazzo@amwater.com">anthony.matarazzo@amwater.com</a></td>
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<tr>
<td>Retired Professionals</td>
<td>Neil Goldfain</td>
<td>609-412-3895</td>
<td><a href="mailto:neil.goldfine@comcast.net">neil.goldfine@comcast.net</a></td>
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<tr>
<td>Licensed Operators</td>
<td>Frank Marascia, Joe duRocher</td>
<td>973-564-5751</td>
<td><a href="mailto:frank.marascia@amwater.com">frank.marascia@amwater.com</a>, <a href="mailto:joseph.durocher@dep.state.nj.us">joseph.durocher@dep.state.nj.us</a></td>
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<td>Strategic Planning</td>
<td>Joseph Stanley</td>
<td>973-912-2485</td>
<td><a href="mailto:joseph.stanley@hatchmott.com">joseph.stanley@hatchmott.com</a></td>
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<td>Student Affairs</td>
<td>Sophia Heng</td>
<td>973-326-9050</td>
<td><a href="mailto:njawwa.sa@gmail.com">njawwa.sa@gmail.com</a></td>
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<tr>
<td>Technical Program</td>
<td>Eileen McCarthy Feldman</td>
<td>212-539-7031</td>
<td><a href="mailto:efeldman@hazenandsawyer.com">efeldman@hazenandsawyer.com</a></td>
</tr>
<tr>
<td>Water for People</td>
<td>Carmen Tierno</td>
<td>856-672-2804</td>
<td><a href="mailto:carmen.tierno@amwater.com">carmen.tierno@amwater.com</a></td>
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<tr>
<td>Water Utility Council</td>
<td>Steve Specht</td>
<td>732-458-7000</td>
<td><a href="mailto:specht@brickmua.com">specht@brickmua.com</a></td>
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AD HOC COMMITTEES

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<tr>
<td>Infrastructure Mgmt</td>
<td>Stephen Blankenship, Alan Dillon</td>
<td>609-625-1872, 609-984-7896</td>
<td><a href="mailto:arship@hmu.com">arship@hmu.com</a>, <a href="mailto:alind@dep.state.nj.us">alind@dep.state.nj.us</a></td>
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<tr>
<td>Young Professionals</td>
<td>Jordan Spitzer-London</td>
<td>732-730-5802</td>
<td><a href="mailto:Jordan.SpitzerLondon@amwater.com">Jordan.SpitzerLondon@amwater.com</a></td>
</tr>
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Finally, are you a 1st-year member? Remember, you are welcome to attend our Fall and Spring Conferences at a substantial discount. And the remainder of our NJ Section events – you attend them FREE! By now you should’ve received your new member packet, including membership card (see an example to the right). Do you know friends or colleagues who might like to spend the next year networking and socializing for free? If so, please contact our Membership Services Committee Chair, Patrick Cole, for more information. He can be reached by phone at (732) 414-2661, x. 2104, or by e-mail at pcole@h2m.com.

Patrick Cole is Branch Manager at H2M Architects and Engineers and the Chair of the Membership Services Committee.
Have you heard about the Community Engineering Corps? Are you looking for engaging volunteer opportunities? Discover new ways to get involved with AWWA, Community Engineering Corps and AWWA NJ.

In 2014, the Community Engineering Corps® (CEC) was formed by AWWA, American Society of Civil Engineers (ASCE) and Engineers Without Borders–USA (EWB-USA). The purpose of the CEC is to assist underserved communities in the United States in meeting their infrastructure needs and improve each community member’s quality of life. Members of the three organizations can volunteer their time and expertise to assist communities that do not have the resources to access engineering services.

The three leading U.S. engineering organizations joined forces to tackle a serious and growing challenge: small, underserved communities unable to afford the expertise needed to meet basic infrastructure needs.

• EWB-USA has worked since 2002 with underserved communities worldwide to develop sustainable infrastructure projects, and it recognizes the growing need for the same type of assistance within the United States.
• ASCE’s Infrastructure Report Card demonstrates that infrastructure renewal is among our country’s most critical issues.
• AWWA’s “Buried No Longer” report shows that small communities will be hardest hit by the coming $1 trillion investment to repair and expand our nation’s drinking water infrastructure – they need help.

The Community Engineering Corps® applies EWB-USA’s international approach to domestic water and wastewater systems, roads and other projects to assist underserved communities.

Small communities, with few people to share the costs of expensive projects, struggle to pay for necessary infrastructure upgrades to protect public health and safety.

CEC is a great opportunity to volunteer to help communities in the United States. The current challenge is identifying projects and matching up interested volunteers with the appropriate expertise with communities in need.

Some of the benefits of volunteering include:

• CEC is a career-building opportunity for students and young professionals.
• Individual volunteer opportunities are available as part of committees that serve the operations of the program.
• CEC is a great way for experienced engineers to share their knowledge with the next generation.

What does CEC do?

Provide planning and engineering services for any type of infrastructure projects including:

• Preliminary engineering reports
• Conceptual designs
• Final plans and specifications
• Permit applications
• Grant applications
• Construction is provided by others

How is a project developed?

The project always starts with the community. When a community identifies a need, they may apply online to open a project through the Community Engineering Corps. Project Teams (as borne through Sections) may view open projects and apply to be matched with a community. As an option, a Section can identify a community in need and work with the community to develop the project. Once the application is submitted, the Domestic Application Review Committee (DARC) reviews applications. If the application is submitted by a Community without an engineering sponsor, CEC will seek to match a Project Team to the Community to determine the best fit. Project teams may work with the Technical Review Committee (TRC) as needed to draft designs and ultimately execute and report on their project. Application and documentation templates for each step along the project process can be found online.

It is not the intention of Community Engineering Corps to take work out of the hands of for-profit engineering firms. As part of their application, the Community must demonstrate they cannot afford to pay for engineering services. CEC project teams will work with communities to get them to a point where they can apply for State Revolving Funds or solicit other grants to then hire contractors to carry out projects.

Some of the types of projects that CEC will sponsor include:

• Wastewater collection and treatment
• Water storage and distribution
• Drinking water source or treatment
• Stormwater, reuse, irrigation

AWWA is looking for Sections to identify projects and work with Communities to develop an application. Once a project is developed, Sections should build a project team that fits the community’s need. Project teams should have the level of experience necessary to fulfill the community’s request. Each team will need a Professional Engineer (or other appropriately license/certified individual) to serve as the project lead. Teams need a blend of expertise and skills (not only engineers) including operators, laboratory, treatment, distribution systems, finance and rates, etc.

AWWA is looking for Sections to develop projects to meet the needs of small underserved communities. If you know of a community in need or wish to work on the development of a CEC project, please contact me at mark.tompeck@hatchmott.com or (973) 912-2526. You can also find additional information on the CEC at http://www.communityengineeringcorps.org.

Mark Tompeck is the AWWA NJ Section Director, a CEC Advisory Board Member, a Technical Review Committee Member, and a Senior Vice President at Hatch Mott MacDonald.
Water for People’s Summer Recap and Fall Schedule

(Continued from page 1)

For the first time, all 125 tickets allotted to Water For People were purchased; making for our most successful year of the six years the event has taken place. Those who participated helped to raise just over $5,000 for Water For People – a huge success! Special thanks to our Grand Slam Sponsor – Montana Construction, Inc. and the more than twenty (20) other companies that supported the event.

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! The event was a sell-out with over 200 people registered to attend and 23 sponsors! The Friday evening dinner this year was slightly different than past years; it involved an extended cocktail hour outdoors with whiskey and beer beverage selections, followed by a 3 course dinner with wine pairings in the Dining Room. The keynote speaker this year was Carmen Tierno, the Chair of the AWWA NJ Water For People Committee, who spoke about the history and impact of the AWWA NJ Water For People.

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 and some items on consignment. The donated silent auction items included items such as wine baskets, jewelry, autographed books, football and hockey tickets, a box at the Monmouth Park Racetrack, and much more. Over $7,500 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 which was donated by Montana Construction, Inc.! All 100 raffle tickets were sold raising $2,000!

Thank you to all of our volunteers and sponsors for helping to make this event a success every year! Special thanks to:
• Vineyard Sponsor – Pioneer Pipe Contractors, Inc.

It isn’t too late to support Team Water For People at the November 1st TCS New York City Marathon. Team Water For People will be running 26.2 miles and all five boroughs of New York in the TCS New York City Marathon. Twelve (12) volunteers have agreed to run for Team Water For People and commit to raising a minimum of $2,500. You can support Team Water For People and help them achieve their fundraising goals and make a change globally for safe and sanitary water from the following link:

https://www.crowdrise.com/WaterForPeopleNYC2015/fundraiser/waterforpeoplelcnyc1

In addition, the Water For People committee will be looking to run further and have a greater impact in 2016. Look for Water For People to be offering charity spots for other half and full marathons in 2016. Contact Michael Johnson at msj@bsjinc.com for more information.

Also this fall, is the 7th Annual Sporting Clays Social Event being held by the AWWA NJ Licensed Operators and Water For People Committees. This event will be held on November 10th at Lehigh Valley Sporting Clays in Coplay, PA. Please contact Carmen Tierno at Carmen.tierno@amwater.com for further information regarding registration and sponsorships or register online at www.njawwa.org.

To start off the New Year, Water For People will be hosting the 3rd Annual Dine and Dance. This event will be 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. Contact Michael Bange at Michael.bange@amwater.com.

In addition, it is not too early to start thinking about the annual conference in March 2016. Water For People will be hosting its annual Drop in the Bucket Auction. If you would like to participate and donate an item, please contact Jessica Kretch at kretchja@cdmsmith.com.

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 Carmen Tierno at Carmen.tierno@amwater.com or visit the AWWA NJ Section website at www.njawwa.org.

Erika Vardaxis is a Production Supervisor for New Jersey American Water and the Secretary of the Water For People Committee.
 Carol T. Storms was awarded one of AWWA’s most prestigious awards, the George Warren Fuller Award at the New Jersey Section’s Annual Conference in Atlantic City. The award honors those who have a high level of achievement in industry leadership, diplomacy, technical expertise, integrity, and service, which characterized the life and career of George Warren Fuller.

Following graduation from Asbury College with a degree in Biology, Carol returned home to New Jersey and began her career as a chemist. She entered the water industry in 1978 as a chemist at Monmouth Consolidated Water Company (an American Water Works Company subsidiary) at the Swimming River Treatment Plant in Colts Neck, NJ. She was introduced to AWWA in 1980 by Michael Opaleski (2009 GW Fuller Award) who was the instructor at the T-1 license course.

Carol was promoted to Laboratory Supervisor and Water Quality Superintendent while working at American Water’s Monmouth operation area. Over the course of her 26-year career with New Jersey American Water, her involvement with AWWA NJ expanded. In 2005 she joined Aqua – New Jersey as Manager – Water Quality & Wastewater. Carol has held the positions of Vice Chair, Chair and Trustee with AWWA NJ. She has been a Section Representative at NJDEP and EPA regulatory activities.

Her demonstration of technical capability, knowledge of water treatment, water system operations and customer-focused service set the standards for those whom she has mentored and worked with as a peer. Her diplomatic leadership was demonstrated firmly and professionally with regulators, community leaders, and other employees in the company at times of system distress as well as in daily activity.

She holds T-4 and W-4 Operator’s licenses in NJ. She has held positions on the NJ Board of License Examiners, NJ Drinking Water Quality Institute, has chaired AWWA committees for Research & Technology Transfer, and Water Resource and Source Water TAW.

Mark Tompeck is the AWWA NJ Section Director, a CEC Advisory Board Member, a Technical Review Committee Member, and a Senior Vice President at Hatch Mott MacDonald.

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Registration is Now Open!

Water professionals around the world attend AWWA’s Water Quality Technology Conference & Exposition, the event of the year for providing answers about quality water in a continually changing environment.

For more information, visit www.awwa.org/wqtc15

November 15–19, 2015
Salt Lake City, Utah

The Premier Conference for Water Quality Professionals Around the World
Student Affairs Committee Update  By Sophia Heng, PE

The new school year has begun; and the members of the Student Affairs Committee are looking forward to another successful year bridging the gap between the water industry and the education communities across the state.

The Committee still places an emphasis on visiting university classrooms – to share perspectives on working in the water industry, and to reach out to students who may not have a clear picture on what they want to do after leaving the gates of their campus. For the fall semester, we hope to make a very good first impression at Rowan University where there is a strong engineering program as well as environmental science program.

Amit Kulkarni serves as the Student Affairs Committee’s professional liaison to Rutgers University AWWA Student Chapter. Last year, he attended the “Work for Water” presentation as a senior at Rutgers and said that the presentation “opened my eyes to an industry I never thought existed.” As the professional liaison, Amit’s priority is to help the student chapter become an established and recognized organization within the student governing board at RU.

At NJIT, Brian Van Nortwick, professional liaison, stated that the student chapter has been doing very well under the leadership of Rhadika Patel. He is pleased to see the student chapter involvement in recruiting new students on campus to the organization. Rhadika has lined up several presentations for NJIT AWWA Student Chapter with speakers she personally have met through AWWA events.

For many individuals with students who were, or currently, in college, tuition, room and board and textbooks and miscellaneous fees can certainly feel burdensome. Currently, the Committee offers three recipients a one-time award of $2,500. Moving forward, the scholarship will award a larger amount to each winner, distributed over a longer period of time. The advantage of pursuing the scholarship program in this matter will allow the professionals to establish a dialogue with the scholarship recipient and to mentor the student at the same time. Announcements will be made in the future Pipeline when the scholarship applications are made available.

At the 2015 AWWA NJ Annual Conference, the Section had the highest number of student attendees. Thanks to the help of the Conference Committee, we hope to set another record breaking event for Students’ Day. For the 2016 Annual Conference Students’ Day track, a time travel to study the roots of today’s world of the water industry – the Clean Water Act and the Safe Drinking Water Rule. The presentation is opened to everyone! The Student Affairs Committee will, partner with the YP Committee to bring back the Student-YP networking event; collaborate with the Operators Committee to host the second Students/Operators Trivia Bowl. Details of Students’ Day will be provided in a later edition of Pipeline.

Finally, the Committee is thrilled to announce that Middlesex Water Company will be hosting the Section’s Second Annual Filter Competition in February 2016! The rules and guidelines are ready! Please tell your students! The flyer can be found here, please distribute this to your local high schools and colleges to help bring in more competitors!

Sophia Heng is a Senior Civil Engineer at Southeast Morris County Municipal Utilities Authority and Chair of the Student Affairs Committee

Find Your Sustainable Solutions Here!

Presenting solutions for balancing the benefits of conservation with the costs, managing water resources, sustainable utilities and infrastructure, urban planning and design, energy efficiency, water conservation, stormwater and reuse.

www.awwa.org/sustainable16
Register by February 8 for the best price!

March 7–10, 2016
Providence, Rhode Island
2015 Fall Meeting Technical Program

By Eileen McCarthy Feldman, PE, PMP

The 2015 Fall Meeting covered a variety of topics diving into specific surface water and groundwater issues. Our day started with a detailed look at harmful algal blooms (HABs). Karen Fell, NJDEP, presented on recent HAB guidance from EPA. She was followed by Stephen Souza, PhD, Princeton Hydro, who provided information on tracking and controlling algal blooms, describing the PARETM method to predict, analyze, react and educate about HABs. Erik Rosenfeldt, PhD, PE, Hazen and Sawyer, discussed methods of treatment during algal blooms and upcoming guidance that is anticipated from EPA in November.

Our program followed with a review of unregulated contaminants. Sandy Kreitzman, NJDEP, reviewed New Jersey’s Unregulated Contaminant Monitoring Rule 3 (UCMR3) results and Bob Raczko, United Water, presented on treatment of unregulated contaminants including cyanotoxins, pharmaceuticals and personal care products (PPCPs), endocrine disrupting compounds (EDCs), and perfluorinated compounds (PFCs).

The afternoon kicked off with a detailed look at well performance and rehabilitation practices. Karen Benson, Leggette, Brashears and Graham, Chris Penchang, Layne, and Don Geddes, New Jersey American Water, provided us with a broad review of New Jersey aquifers; well maintenance procedures; rehabilitation methods; and challenging well conditions that cause well performance degradation.

Andy Molnar, Sensus, presented on the value of water and using meter reading technologies to reduce unaccounted for water. Michael Assante, CH2M, provided an informative case study that identified low-cost measures to reduce non-revenue water.

Our day wrapped up with a presentation on engineering ethics by Michael Miceli where he provided a valuable refresher on professional engineering code in New Jersey. Overall, the day was a success with diverse content and the opportunity for several continuing education credits.

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

ATTENTION Water System Operators!!

By Alan S. Dillon

Now that we have reached the end of another continuing education/TCH cycle, the New Jersey Advisory Committee on Water Supply and Wastewater Licensed Operator Training wishes to remind all New Jersey licensees that when registering for TCH courses, you should remember the following:

• Your course registration name should appear EXACTLY as it appears on your license.

• Your license number should appear EXACTLY as it appears on your license (with 7 digits counting all zeros).

• Your license classification should appear EXACTLY as it appears on the license.

Remember !! Responsibility for obtaining adequate TCHs for license renewal rests with the licensee. Following the above protocol greatly eases tracking your TCHs.

Thank you for your cooperation in this matter.

Alan Dillon is the Section Chief at NJDEP Bureau of Safe Drinking Water and Co-chair of the Infrastructure Management Committee.
2015 AWWA Individual Application

American Water Works Association

Dedicated to the World's Most Important Resource*

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 □

Annual Dues (A1)

☐ Individual Active $205
   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. (YP2015)

☐ Operations/Administrative $85
   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)

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 ____________________________
2015 AWWA Individual Application (continued from page 12)

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.)
- [ ] L Other (please specify) ________________________

What one category best describes your field served/principal activity? (Please check only one)
- [ ] 3 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
- [ ] Backflow/Cross Connection
- [ ] Climate Change
- [ ] Conservation/Efficiency
- [ ] Customer Service
- [ ] Desalination
- [ ] Design/Construction
- [ ] Distribution/Plant Ops.
- [ ] Drought
- [ ] Emergency Preparedness/Security
- [ ] Groundwater
- [ ] Laboratory
- [ ] Membrane Treatment
- [ ] Public Health
- [ ] Public Info./Communications
- [ ] Regulatory Issues
- [ ] Reuse
- [ ] Small Systems
- [ ] Stormwater
- [ ] Training/Career Development
- [ ] Utility Management
- [ ] Wastewater
- [ ] Water Loss
- [ ] Water Quality/Treatment
- [ ] Water Research
- [ ] Water Resources/Planning
- [ ] Workforce Strategies
- [ ] Young Professionals

Gender [ ] Male [ ] Female (Optional)
Birth Year (Optional)

Dues and Section assessment rates valid through December 31, 2015. Dues are not deductible as charitable contributions for income tax purposes. The following is for USPS periodical mailing requirements only. In some AWWA Sections, a portion of the Section allotment equal to 50% or more of the domestic subscription rate charged for the Section periodical will be allocated toward a subscription to that periodical. Allocation for each publication recipient authorized—Journal—American Water Works Association—$30; Opflow—$16. Members with APO/FPO addresses will receive e-periodicals only. Print periodicals may be purchased for an additional fee. NOTE: Members’ phone numbers and email addresses are protected under AWWA’s Privacy Policy.
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@.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

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Brian M. Applegate, EIT
*Hatch Mott MacDonald*
Water Division
111 Wood Avenue South
Iselin, NJ 08830-4112
Tel: 973-379-8742
Fax: 973-376-1072
brian.applegate@hatchmott.com

For address corrections please contact
AWWA Customer Service at:
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**Publications Committee**
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