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A Message from the Chair  By Nicole Wiley

To my colleagues and friends in the NJ Section of AWWA,

I am truly honored and humbled to be able to serve as the Chair of this great organization for the next year. It is going to be difficult to follow in the footsteps of Mike Furrey who did such an excellent job as Chair last year. Mike officially passed the gavel to me at the Awards Dinner held at the end of our Annual Conference. And what a conference it was! There are a million things that I could rave about from the Conference but I’m just going to highlight a few. Let’s start with the Opening Technical Session on Lead which was well attended and well received. The keynote address from Gene Koontz, Past President of AWWA, later that evening, helped wrap up the session with a bow. Overall the Technical Program at the Conference was outstanding and I was glad to see the further development of the Hands-On sessions which I think adds a lot to our already strong program. The Student program continues to bring more students to the Conference and into our organization. And who didn’t enjoy rocking out to the musical stylings of Water Hammer? Always one of the highlights of the Conference for me, for sure. Finally, there might not have been a dry eye in the house at the Awards Dinner after the Dedication Award, given to Carol Walczyk, was renamed the Thomas Dawson Dedication Award and Brent Cacallori received the George Warren Fuller Award. It was a really special night and I was proud to be a part of it.

One of the main reasons that our conference has been so successful year after year is because of the dedicated people in our Section who make it happen. Our organization is filled with the most prestigious and experienced drinking water professionals in the State. As such, AWWA NJ should be the “go-to” organization for advising policy makers on issues that impact drinking water. To that end, we have recently contracted with Princeton Public Affairs Group (PPAG) so that we are alerted to proposed policies that impact our field and we can meet with the policy makers to provide input prior to finalization. The contract with PPAG is just part of the strategy to establish ourselves as the primary authority for drinking water in NJ. We will also continue to share our knowledge and experience through educational efforts, such as the seminar put on by the Licensed Operators Committee for the City of Newark public schools on the topic of reducing lead levels in the schools, and giving testimony to public officials on drinking water issues such as lead, drought, and infrastructure.

Another part of the strategy includes aligning our Section with the goals of the Association. This will include developing the concept of the Water Equation in our Section. The Water Equation is a program developed by the Association which is designed to use the talents within AWWA to meet drinking water and wastewater needs throughout the world and to address the critical shortage of skilled water professionals. The areas of focus for the Water Equation are Workforce Advancement, Community Outreach, and Global Outreach. Our Section has been doing great work addressing each of these through our Water For People fundraising, scholarship programs, and YP, Membership, and Student Affairs committee activities to name a few. Over the next year, we will take steps to do even more. We will work with the Licensed Operator Committee on developing the One AWWA Award for operators which will receive matching funding from the Association. We have also re-tooled the Water For People Committee into the Social Responsibility Committee. The Social Responsibility Committee is an umbrella committee with the Water For People, Community Engineering Corps, and the Water Equation Committees falling under it. The new structure of the committee will allow the Water For People Committee to continue their fantastic fundraising efforts that they have established and grown over the years with new opportunities for philanthropy and community outreach. The Community Engineering Corps will be a committee through which volunteers can provide technical and engineering support to local, underserved communities. The Water Equation Committee will focus on fundraising efforts to benefit scholarships and other AWWA charitable foundations. I’m really looking forward to seeing this committee develop and grow because I know this organization is full of people who have the skills and, more importantly, the heart to make a difference locally and globally.

As an active participant in several committees at the Association level, I have gotten the opportunity to learn about many of the AWWA Sections and their activities. I can say, without hesitation, that the NJ Section is one of the most active, engaged, and enthusiastic Sections in the Association. I am constantly impressed by how dedicated our volunteers are and how much we are able to accomplish outside of our day jobs. But I think we can still do more. In order to be able to do that, we have decided to hire more staff to help us implement our goals. We have added Stacy Fysz Cacallori to our staff as the Section Administrator, along with our Section Manager, Mona Cavalcoli. With more staff, I believe that there will be more support to help our volunteers accomplish things that we might not have been able to due to lack of time and support. We welcome Stacy with open arms and I look forward to seeing the impact the additional staff will have on the Section.

In my speech at the Awards Dinner, I talked about my goals for the year and how I want the organization’s focus to be on engagement and inclusion. When I say inclusion, I’m not really talking about diversity, even though I obviously care very much about that topic, but I’m talking about welcoming all of our members and potential new members and getting them engaged and including them in our world. As I was writing my speech and reminiscing on how I became an engaged member, I realized that there were many different reasons and many different people that made it happen but the primary reason was because people invited me in and made me feel like a part of the team.

(continued on page 4)
Various emerging organic micropollutants (often at trace levels of a few ppb or ppt) such as organophosphate flame retardants, endocrine disrupting compounds (EDCs), pesticides, herbicides, and pharmaceuticals and personal care products (PPCPs) potentially threaten drinking water security and human health. Many traditional water treatment processes (e.g., adsorption) are either insufficient or not cost effective (e.g., reverse osmosis). Our research group has been working on various advanced oxidation processes including photocatalysis, electrochemical oxidation and photo-Fenton reactions to address the need to develop next-generation, scalable, and high efficient water treatment technologies. These technologies are particularly useful for point-of-use (POU) water treatment. Our target contaminants in previous work include PFOA and PFOS (also known as perfluorooctanoic acid and perfluorooctanesulfonic acid, respectively), industrial dyes, pharmaceutical compounds such as diclofenac, sulfamethoxazole, and bisphenol A (BPA) due to their environmental occurrence and recalcitrant natures against degradation.

This short article summarizes our recent studies using heterogeneous photo-Fenton reactions to remove BPA and methylene blue (MB) as a model dye pollutant from water. Novel hybrid nanostuctured composite catalysts were explored to overcome the limitations in traditional Fenton reactions (e.g., high doses of Fe²⁺/Fe³⁺ and low working pH). For example, as shown in the graph, hematite (α-Fe₂O₃) nanoparticles were anchored to graphene oxide (GO) nanosheet (α-Fe₂O₃@GO) to evaluate the degradation or decolorization efficiency of MB under UV irradiation. The decolorization rate using α-Fe₂O₃@GO+H₂O₂+UV was approximately 2.9 times that of classical Degussa P25 TiO₂+UV and 2.4 times that of α-Fe₂O₃+H₂O₂+UV. This enhanced decolorization is largely attributed to the unique electrochemical properties (e.g., high electron conductivity) of GO and electrostatic interaction between negatively charged GO with cationic MB. The catalyst retained high activity without iron leaching after 10 consecutive cycles of reuse. Mineralization pathways of MB were proposed based on the intermediates detected by LC/MS/MS. The toxicity of the photodegradation intermediates was proved to decrease with the increasing irradiation time.

The second heterogeneous Fenton catalyst we investigated is goethite (α-FeOOH) that has a mesoporous structure with excellent photocatalytic performances and large specific surface area. The effects of organic acids and initial solution pHs on the photodegradation of BPA were particularly investigated to highlight the possibility to boost the generation of hydrogen peroxide (H₂O₂) and hydroxyl radicals (•OH). Different organic acids affected the formation of the ferric-carboxylate complexes and free radicals, which in turn varied the photodegradation efficacy. Compared with acetic acid (AA), citric acid (CA), malic acid (MA), and tartaric acidoxalic (TA), oxalic acid (OA) was found to be the most effective in enhancing the photodegradation of BPA due to the formation of ferric-oxalate complexes and •OH radicals in the synergistic interactions of OA and α-FeOOH. Moreover, the addition of OA could significantly extend the working pH from acidic to neutral pH at 6.0 in the photocatalytic process, which helps avoid the acidification pretreatment. The results lay foundation for development of effective and durable treatment technologies for micropollution mitigation and highlight the possibility of using organic acids to facilitate photo-Fenton reaction without water acidification.

References:

Wen Zhang, Ph.D., P.E. is an Assistant Professor at NJIT
Merchantville-Pennsauken Water Commission Makes it Two Out of Three

On May 11, 2017, Section Chair Nicole Wiley and Vice-Chair Brian Carr attended our second Merchantville-Pennsauken Water Commission public meeting in three years. Once again, it was a happy occasion. The water from Merchantville-Pennsauken Water Commission was the top vote getter at this year’s Best Tasting Water competition at the Spring Conference. The MPWC beat out nearly a dozen competitors who brought their best stuff in securing the title. AWWA NJ presented a plaque and trophy at the Commission’s public meeting to commemorate the accomplishment, which the entire utility can be proud of. This makes it two wins in three years as the Commission also took home the honors in 2015. Does your water have what it takes to stack up against the MPWC’s Potomac-Raritan Aquifer? Will MPWC make it three for four? Enter the competition in 2018 and let your water speak for itself.

A Message from the Chair (continued from page 2)

To this end, we are in the process of establishing a new program for our Section called the ICE (InClusion and Engagement) Challenge. I’m very excited about this new initiative and I hope that our members will be too. The ICE Challenge is essentially a scavenger hunt where teams of 3 to 5 people get points for completing different challenges. The challenges can range from simple (take a picture with a Board of Trustees member) to more difficult (create an educational video about water). The points awarded for each challenge will depend on the difficulty level. Some challenges can be performed by an individual on the team and some can only be completed if all team members participate. Some challenges will be just for fun and others will be designed to encourage attendance at Section events or participation in committee activities. In order to convey the message of inclusion, teams are encouraged to be as diverse as possible with limitations on the number of people on a team that can be from the same company and the requirement that at least one of the team members must be a new member of AWWA. Full instructions and list of challenges will be finalized soon. The deadline for team sign up will be mid-December and the challenge will run through April 2018. Prizes will be awarded to the winners at a special event during Drinking Water Week in May 2018. Keep your eyes open for more news about this in your E-mail and on the website – including a special introductory video from our staff! In addition, another new program I have implemented is designed to improve inclusion and engagement is a new “buddy” program that Mona helped me establish this year for the conference. We asked the first time conference attendees if they would like to be paired up with a buddy. The buddies reached out to the new attendees prior to the conference and gave them the scoop on what to expect and let them know about any interesting seminars or events. The buddies met up at least once at the conference so that the new attendees at least knew one familiar face and had someone who could introduce them to others. We had a handful of participants this year but I hope that number will grow as we go along. The hope is that these new attendees will become future active members of the Section. The final step in this initiative is that I’m issuing a challenge for all of you. At the next event you go to, reach out to that person standing in the corner looking awkward. Get to know them. If they aren’t involved with the AWWA, find out why and encourage them to do so. Invite them to attend an event or go to a committee meeting with you. In the end, the success of this Section comes down to our members and in order to thrive and grow we need to keep adding new, engaged members. I would love it if you would reach out to me and let me know of any efforts, successes, or obstacles that you have found in meeting this challenge. Please E-mail me at nicole.wiley@amwater.com or call me at (856) 309-4611 and share any stories or experiences you have had in getting a member engaged or if someone reached out to include you in something. Please also feel free to contact me at any time to ask me any questions or provide feedback about AWWA NJ. I really look forward to hearing from you and I’m excited to be working with such a great Board of Trustees and all the fantastic committees over the next year!

Nicole A. Wiley, Chair, is a Senior Planning Engineer at New Jersey American Water
Discover new ways
to get your Section involved with Community Engineering Corps

Engage Volunteers

Communicate
Start talking about the CECorps program.

Cooperate
Form a committee of interested volunteers.

Brainstorm
Identify your next steps.

Connect
Work with local organizations or your state primacy agency to reach out to communities in need.

Support
Work with the community to complete a community project application.

Build Relationships

Research
Find Open Projects listed on the CECorps website.

Recruit
Build an all-star project team of Section members with the appropriate experience.

Collaborate
Complete a project team application and get to work with a community!

Responds to Needs

Make an Impact!

www.communityengineeringcorps.org
Contact: Lindsey Geiger (lgeiger@awwa.org)
Great weather and great attendance lent themselves to another great success for the Section’s Annual Fall Meeting & Golf Outing. The event, which took place on October 3, featured a full day technical seminar, with an option for people to play golf in the afternoon. The Technical Program Committee organized technical sessions on:
- Regulatory Update and Emerging Contaminants of Concern
- Non-Revenue Water
- Cyanotoxins and Algae Blooms
- Source Water Protection and Climate Change
- Ethics

The morning session packed the room with nearly 90 attendees, and while some attendees opted for the afternoon golf tournament, approximately 60 attendees stayed to participate through the afternoon sessions. Golfers enjoyed great weather for the scramble-format tournament, and a festive post-golf networking reception where golf prizes were awarded.

Support Award, for their efforts in supporting the involvement of young professionals in the Section and in AWWA. Joe Frissora accepted the award for HDR. Additionally, the Section announced membership tenure awards and recognized Frank Mangravite and Neil Goldfine, both of whom achieved Life Membership Status (30 years of consecutive membership in AWWA, 65+). The event, which had been held for several years at Jumping Brook Golf Club in Neptune, tested out the renovated Galloping Hill Golf Club this year. We received great feedback about the course and facilities, and will review options for a repeat event at Galloping Hill next year.

Mona Cavalcoli is the AWWA NJ Section Manager

Mona Cavalcoli is the AWWA NJ Section Manager
Water Quality Accountability Act – Effective as of October 19, 2017
By Mona Cavalcoli

The Water Quality Accountability Act was signed into law by Governor Christie on July 21, 2017. This establishes new requirements for purveyors of public water to improve the safety, reliability and administrative oversight of water infrastructure. The Water Quality Accountability Act (WQAA) became effective as of October 19, 2017.

According to the NJ DEP, the WQAA applies to purveyors with more than 500 service connections. The Act requires purveyors to create and implement an asset management plan designed to inspect, maintain, repair, and renew its infrastructure consistent with standards established by the American Water Works Association. In addition, the Act also specifies a methodology for routinely testing valves and fire hydrants. Also, the Act supplements the Safe Drinking Water Act by requiring the submittal of a mitigation plan by purveyors that exceed a certain number of violations in a set interval of time. Purveyors regulated by the Act that have internet connected control systems will also need to create cybersecurity programs and join the NJ Cybersecurity and Communications Integration Cell in order to receive support should a cybersecurity incident occur.

While the Act establishes the New Jersey Department of Environmental Protection (NJDEP) as having a central role in its implementation, it also identifies several other agencies (New Jersey Board of Public Utilities, New Jersey Office of Homeland Security and Preparedness, and the New Jersey Department of Community Affairs), with essential roles. Currently, NJDEP is coordinating with these agencies, and will solicit stakeholder input in the near future. The NJDEP is committed to the successful implementation of the Water Quality Accountability Act, and is working to identify all options for implementation that will improve the reliability, resiliency, and sustainability of NJ’s water utilities, ultimately improving the protection of public health and the environment.

The full text of the Water Quality Accountability Act can be accessed thru the AWWA NJ Website (Legislative News Page) or at http://www.njleg.state.nj.us/2016/Bills/PL17/133_.PDF.

Mona Cavalcoli is the AWWA NJ Section Manager

NJ Water Supply Plan Released
By Mona Cavalcoli

On October 5, 2017, the State released the New Jersey Water Supply Plan 2017-2022. This revised Plan emphasizes the need to balance traditional water use with water resource protection, and outlines a range of policy options to achieve that balance amid an array of competing interests and issues. The first New Jersey Water Supply Plan was adopted in 1982, followed by updates in 1983, 1985, 1987, 1991 and 1993. The first major revision of the NJSWSP occurred in 1996. The 2017-2022 NJSWSP differs from preceding plans as it is designed to allow for continuous updates, as ongoing water resource evaluations, water use data, and more refined water demand projections become available. The release of future NJSWSP updates will be made available through the NJDEP’s web site (NJ State Government). This updated Plan and the evolving planning process it initiates, will serve as a tool to help the management, regulation, conservation, and development of the State’s water resources for the foreseeable future.

The complete Water Supply Plan 2017-2022 is available now on the NJDEP Website at http://www.nj.gov/dep/watersupply/wsp.html.

Mona Cavalcoli is the AWWA NJ Section Manager

NJ Section Delivers Free Operator Training
By Mona Cavalcoli

AWWA NJ continued its participation in the partnership among AWWA, RCAP and EPA by delivering another free operator training session on October 3.

The partnership, in which AWWA supports the Rural Community Assistance Partnership (RCAP) to deliver training to small systems, is part of an EPA Grant program and has been active since 2016. Working closely with RCAP this year, the full day training was taught by RCAP trainer Jeff Oxenford, who has over 25 years of experience with the water supply industry and combines a strong technical background in water quality and treatment, with extensive business experience in training, knowledge management, and customer service.

Eighteen attendees participated in this year’s training, which was held October 3rd at Galloping Hill Golf Club. The Section anticipates that we will hold the training again in 2018, for those who did not get to attend, or wish to participate again.

Mona Cavalcoli is the AWWA NJ Section Manager
For the second year in a row, the NJ Licensed Operator Committee (LOC) put together a “hands on” training program at the AWWA NJ annual conference. We felt that instead of listening to a lecture it would be more beneficial to actually see and use equipment that we as operators see every day in the field.

Four programs were put together for the benefit of our members. Nicholas Buono and Mark Ferraro showed their “SCADA for dummies” equipment. They set up a pumping system where you could see PLCs and programming in operation controlling tank levels. It allowed the operator to see how sensors transmit to PLCs and how this information is displayed on the computer screen. They went over some of the lessons they have learned over the years to make operations run more efficiently.

Andy Clauhs set up his pipe tapping equipment and tapped a PVC main. Each person in the audience had the opportunity to come up and use the equipment. Step by step, the pipe was drilled and tapped.

Joe Aldighieri and Matt Tompkowski demonstrated fall protection equipment. They showed how much force is applied to a person even when falling only a short distance. State of the art equipment was brought in for demonstration. They also showed how to check your existing safety equipment for defects and determining the equipment’s end of life.

Cassie Rosina brought in HACH’s turbidimeters. She went over the step by step operation of the equipment including maintenance, cleaning and troubleshooting.

Based on the positive feedback we have received, the LOC will continue to run the hands-on training at the annual conference. We feel adults learn more by doing than by listening. If you have any suggestions on topics you would like to see, please reach out to us through the AWWA NJ website. We look forward to another great event at next year’s conference!

Richard Spafford, PE, Member of the AWWA NJ Licensed Operator Committee

AWWA NJ Annual Conference

“Hands On” Training  By Richard Spafford

AWWA NJ Annual Conference

March 20-23, 2018
The Borgata Hotel Casino & Spa • Atlantic City, NJ

It may seem a long way off, but we are already hard at work preparing for the 2018 Annual Conference! The Section is always looking for ways to make the Annual Conference a better experience and to provide members with the best possible technical sessions, networking events, and opportunity for knowledge sharing with peers. Here are some of the new things in the works for the 2018 Annual Conference:

New this year: Badge-on-Demand System
We will NOT mail badges in advance this year. Registrants will receive a confirmation with a barcode in it, and will use that to print their badge on site when they arrive. Along with this shift, there will no longer be an additional “Earlybird” registration to accommodate the advanced badge mailing.

New this year: Reduced Paper/Printing
In an effort to be more environmental and fiscally responsible, we will NOT print a full program booklet, but will instead print just the schedule of technical sessions and events.

New this year: Badge, Lanyard, and Student Sponsorship Opportunities
With the new Badge-on-Demand system this year, we have the ability to add full-color Sponsor Logos to the badges, and we’ll use a new full-color lanyard too! Get your company name and logo more exposure with these new opportunities. Or - help support student attendance. A $500 Student Sponsorship will help support up to four students to attend the Annual Conference.

For more information about the Conference, watch the website: www.njawa.org for more information or contact the Section Office at 866-436-1120.

IMPORTANT CONFERENCE DEADLINES

December 15, 2017: Conference Registration Opens
December 15, 2017: Borgata Hotel Reservations Open
January 15, 2018: Conference Sponsorship Deadline
February 25, 2018: Hotel Room Block Closes
March 1, 2018: Early Registration Deadline
As part of its Living History Project, the New Jersey Section of the American Water Works Association (AWWA NJ) teamed up with Toms River High School East students who are a part of the district-run TV Production Program (TV21) housed at the High School. Over the course of a few months, seniors currently enrolled in the program’s broadcast journalism course had the opportunity to use the skills and knowledge they have obtained by interacting with retired and current members of the AWWA NJ in a live TV interview setting.

Two retired industry professionals were interviewed about their career experiences and shared words of wisdom to the young people while introducing them to the science and technology terminology used in the water industry. The retired professionals were Richard Russo, former Vice President for Mott MacDonald, and William Hutchinson, former Executive Director/Chief Engineer for South East Morris County MUA.

Members of the AWWA NJ were back in district on May 11, 2017 to present a $2,000 donation to the TV Production Studio. According to Chip Phillips, TV21’s coordinator, the generous donation will be put towards the scholarship fund, year-end awards banquet, and, if funds remain, to update outdated technology and program software in the studio.

Toms River High School East Principal Pat Thomas was in attendance during the check presentation and thanked the AWWA NJ for the opportunity to participate in the project. “The students loved doing this project. Thank you for the generous donation and allowing us to participate,” Thomas said.

The primary goal of the AWWA’s Living History Project is to document and continually update the history of water use and how it is distributed to consumers in New Jersey. Through sharing experiences and knowledge from retired professionals in the industry, it hopes to educate young people on the importance of water to society and our environment. The project has been ongoing for 10 years, with this being Toms River High School East’s first year participating. Both the district and the AWWA NJ hope the collaboration continues on for many years.

Neil Goldfine, chair of the Retired Professionals Committee for the AWWA NJ, praised the students for their hard work and dedication to this project. He told the students, “Your role in this project was very important. We thank you for a job well done and we are very happy with the final outcome of the video. We are hoping for a long term relationship with the school district and the TV studio.”

While working on the project, the student-based TV crew was asked to stay on task in a live TV setting while producing and directing under real deadlines. The final 50-minute video produced from the project was completed entirely by students. Clips from the video can be viewed at [http://www.njawwa.org/page/RPLH](http://www.njawwa.org/page/RPLH). “Projects like this are a great opportunity for our students to build their resumes and portfolios for college acceptance into broadcast or journalism programs,” said Phillips. “It was a different type of studio production than they normally work on in class, so we were happy to take on this project when contacted by the AWWA NJ.”

Representatives from American Water Works Association New Jersey stopped by the TV21 studio at Toms River High School East on May 11 to present students with a $2,000 check for scholarship funding. HSE students produced a “Living History” video project that is now featured on the AWWA NJ website.
Postcard from Hawaii  By Alan S. Dillon

Hawaii has seven main islands: Oahu, Maui, Kauai, Lanai, Molokai, Hawaii and Niihau. On these islands, there are 116 public community water systems. Although there are no major private water utilities here, the islands are dominated by four large publicly owned water systems. The Honolulu Board of Water Supply serves many areas on the island of Oahu. Maui Department of Water Supply operates the county systems on Molokai and Maui. The Kauai Water Department operates on that island and the Big Island (Hawaii) is operated by the Department of Water Supply, County of Hawaii. Larry Ellison, of Oracle fame, owns most of Lanai. The Robinson family owns Niihau which is off-limits to most visitors.

Understandably, the Hawaii Drinking Water State Revolving Fund (DWSRF) program provides most of its funding to the large County owned water systems. But the program is now trying to expand to provide more services to private and/or homeowner association facilities, many of which are small water systems. Of the 116 public community water systems on the islands, a hundred water systems serve 10,000 persons or less, 78 water systems serve 3300 persons or less, and 45 water systems serve 500 persons or less.

Hawaii has some unique logistical problems. There are transportation charges to get equipment from island to island. In addition, electricity costs are about 2 1/2 times the national average. To overcome some of these hurdles, the Hawaii Department of Health, Safe Drinking Water Branch (SDWB) has proposed to expand kokua (assistance) to meet some small system needs. Initial proposals include the provision of DWSRF funded structural steel tank inspections for those suppliers which have issues with storage tank maintenance. Salt air can wreak havoc on these facilities. In addition, SDWB is proposing an engineering services contract to provide professional assistance so water systems can prioritize infrastructure deficiencies. The DWSRF loan program may provide funding to advance needed projects. SDWB is also exploring a principal forgiveness portion to its small system loan program.

Along with those proposed services, SDWB has contracted with the University of North Carolina – Environmental Finance Center (UNC-EFC) to develop a rate dashboard for Hawaii’s public community water systems. UNC-EFC develops these interactive dashboards so utilities can benchmark their utility’s rates against other in State utilities with similar characteristics. The dashboards also help utilities evaluate cost recovery, affordability, pricing signals, and other financial benchmarks. Utilities can also use the dashboards to communicate important rate information to decision makers, the media, and the public. To date, thirteen States and dozens of Canadian water utilities have elected to utilize the UNC-EFC rate dashboard tool to assist their water systems’ understanding of the components of rate setting and the effect on assuring a sustainable water utility. Those numbers will increase. The tool is a must for those States serious about promoting water system asset management and full cost pricing.

Hawaii water professionals recognize their kuleana (responsibility) to assure the long-term viability of their utilities while protecting the islands’ unique delicate ecosystem. With a spirit of aloha (felicity), SDWB looks to cooperatively create the tools which will enhance the achievement of those goals.

Alan S. Dillon worked for over thirty years with the New Jersey Department of Environmental Protection, Bureau of Safe Drinking Water. He now works with the Hawaii Department of Health, Safe Drinking Water Branch.
Infrastructure Management Committee Goals and Action Items  By David Chanda

As introduced in the last issue of the Pipeline newsletter, the Infrastructure Management Committee (IMC) has been revitalized as the need to take a more active approach in the maintenance of our water and wastewater system infrastructure continues to increase. The objective of the last issue was to introduce our committee's work by laying the groundwork of what the IMC plans to achieve and what impacts we can have in the asset management planning space. For this issue we will detail a few of the areas that are being worked on.

One of these areas that keeps being an item of question is who has what roles with the Asset Management Plan (AMP) and what specifically do all of the terms mean that are being used in the formal AMP development. To help with these questions, the committee will be working on developing a white paper to detail the specific definitions, roles, and the interaction of all potential players (Engineer, Licensed Operators, Owners, Managers) in developing and being responsible for the working asset management plan and its implementation. Creating the asset management plan is the beginning, as the real value is implementing the plans as they are rolled out, and taking action to be proactive in managing, upgrading and replacing the assets, instead of reacting to the failures as they occur. Clarifying the roles of those involved should help with this ongoing implementation of asset management.

The IMC continues to work with the industry to move these asset management plans forward and anticipates having multiple outreach efforts during the second half of 2017 to continue looking for ideas and support.

Last year the IMC distributed several surveys but did not receive a large number of responses. One major goal for the Committee is to increase participation within the NJ Section to get a better response and identify these needs. To achieve this, the IMC will be looking to improve the rollouts of its surveys in the forms of electronic e-mails and websites, with the hopes of increasing the ease of use and application. The more feedback and results the IMC receives, the better we will be able to focus on the most common issues for the industry.

The committee also has plans to address several action items including additional training events. Similar to the Asset Management Workshop/Seminar led by Dawn Nall of the Environmental Finance Center Network on January 19, 2017, the IMC plans to host additional seminars during the upcoming year. Attendance at the January 19 workshop was almost 40 attendees and there was active audience participation and interest. The IMC wants to increase participation to gain additional points of view. One option being looked into is to have seminars attendees and there was active audience participation and interest. The IMC wants to increase participation to gain additional points of view. One option being looked into is to have seminars

An important item for our industry is that the NJDEP Draft Water Supply Plan has been released (http://www.nj.gov/dep/watersupply/pdf/wsp.pdf), moving forward with stakeholder and public participation and commenting period through July, and everyone is encouraged to review and comment on the plan. The water supply plan aims to define current water use trends and quantify the volumes of water used in NJ, estimate future residential demands based on population projections, and determine whether existing approved sources can accommodate current and anticipated growth. This topic is intrinsically tied to asset management and should be read so the objectives of the draft plan are understood.

We are excited to continue working on and growing the understanding of this important topic and encourage anyone interested in learning more to contact a member of the committee or send an email to imc@njawwa.org. Our membership has been increasing which allows to better address these important needs.

David Chanda is a Senior Designer at Suburban Consulting Engineers, Inc., and is a member of the Infrastructure Management Committee.
The Young Professionals Committee organized a plant tour on September 19th. Rockaway Valley Regional Sewerage Authority (RVRSA) graciously hosted the group of nearly 30 participants, of which 25 were NJIT graduate students. The staff of RVRSA, led by Mario Bonaccorso, Eric Reichert and Natalie Pisarcik, opened the event with a power point presentation outlining the origins of the Authority and modernization of the current wastewater treatment facility.

Participants divided into two groups and walked the grounds of the 12 million gallons per day wastewater facility which included the pretreatment building, oxidation channels, clarifiers, disinfection, de-chlorination and discharge to the Rockaway River. One of the Authority’s finest assets is the sludge thickening building where rotating drums were spinning sludge to be hauled off-site. In the words of Mario Bonaccorso, the sludge “looked and smelled like cake batter.”

real time what I’ve learned from the textbooks.” Every bit of that statement made the event worth it - to witness the mental gears work and shift in sync.

We are hopeful that events such as these will allow us to close a gap between the professional industry and academia. More importantly, we hope to influence the next generations going into the work force that there is a career for them dedicated to preserve the world’s most important resource.

Sophia Heng, PE, LO, is Water and Sewer Engineer at Montville Township, NJ. Sophia is the former chair of the Student Affairs Committee and a recipient of AWWA NJ’s Next Generation Award.
AWWA NJ Announces the “ICE” Challenge 2018! This is an initiative to encourage member engagement and inclusion, and to foster camaraderie and fun in the NJ Section.

**HOW THE CHALLENGE WORKS**
The “ICE” Challenge will take place from December 15, 2017 through April 30, 2018.

Teams will be challenged to complete tasks and activities that will earn them points – either as individual team members, or as an entire team. The team accumulating the most points by April 30, 2018 will win a prize. The winning team will be announced at a celebration event during Drinking Water Week 2018.

**CREATE A TEAM**
- Teams must be made up of three to five (3-5) members.
  - All team members must be members of AWWA
  - You must have at least ONE team member that is a new member of AWWA. This can be someone you recruit to AWWA, or someone that has joined AWWA within the last 18 months.
  - We encourage you to have as diverse a team as possible (different ages, different parts of the state, different companies, different disciplines, etc)
- Teams must be signed up by December 12, 2017
- Teams will earn points either as individual team members, or as a complete team – many challenges have special bonus points for team efforts

**CHALLENGE TASKS**
A full lineup of challenge tasks, criteria and points will be published in advance of December 15, 2017. Challenge tasks will include such things as:
- Establishing a Team name and Mascot
- Creating a Team Anthem
- Posting Team activities to social media
- Creating Team videos and messages about Why You Work for Water (and other topics...)
- Participating in Section events and activities
- Supporting Social Responsibility and philanthropic efforts
- And many more fun & creative challenges!

To sign up your team – or for more information – contact the Section office (866-436-1120) or contact mona@njawwa.org or stacy@njawwa.org.

Mona Cavalcoli is the AWWA NJ Section Manager
A group of engineers and scientists from New Jersey has joined forces to help supply a basic need – clean and safe water for the people of Haiti. Co-director and founder Albert J. (A.J.) Capuzzi visited Haiti many times over the last decade to work on the design and implementation of a water system for an orphanage, elderly home and AIDS center for the Missionaries of the Poor in Cap Haitien. The project received financial support and technical assistance from Catholic parishes in New Jersey and Long Island and the Living Water team from the First Presbyterian Church of Richmond. During one of his visits, he was introduced to Dr. Eugene Maklin, a Haitian medical doctor who has worked at several medical clinics, started a microfinance program for Haitian women, and spearheaded relief during waterborne medical crises (e.g., cholera) in the country. Dr. Maklin had started the Northern-Haiti based non-profit Haiti Mission Branche Nord to build a new hospital in Plaine du Nord, a rural area south of Cap Haitien in the north of Haiti. A.J. offered to help Dr. Maklin with the water work for the hospital which included clean drinking water, wastewater treatment and stormwater management.

Upon his return home from a 2015 trip, A.J. contacted Shivangi Ganatra, a student at Rutgers University and president of the Engineers Without Borders USA (EWB-USA) student chapter. Shivangi had also previously been the project lead for the chapter's water supply project for Nueva Santa Catarina Ixtahuacán, Guatemala. Shivangi, who had previously collaborated with A.J. on an ethics presentation for the AWWA NJ, invited A.J. to pitch this work to the EWB-USA Rutgers chapter in February 2015. A.J. presented this project to the group and met many interested volunteers. The first project meeting was held on March 24, 2015. The initial team consisted of Jessica Kretch, an environmental engineer and EWB-USA Rutgers alum who had been to Thailand to install a water system with the chapter, Nimah Ahmed, a Rutgers engineering student and EWB-USA Rutgers member, Nicole Del Monaco, the current Guatemala project lead at the time and a Rutgers Engineering student and Frank Getchell, a hydrogeologist, who had assisted A.J. on the Cap Haitien water project.

The group originally intended to adopt the water treatment project for New Hope Hospital through the Rutgers chapter of EWB-USA, but found that EWB-USA no longer begins new programs in Haiti. We knew that Water For People, an organization that A.J. and Jessica had been involved with, also does not work in Haiti. We decided to commit to Dr. Maklin and the project despite lacking an umbrella organization – we called ourselves Geri Dlo, which we thought meant “healing water” in Creole. We learned later that in proper Creole grammar it would have to be Dlo Geri. Dlo Geri would use the best practices and standards of other organizations that work in developing countries, and apply them to help the people of Haiti. We started planning our first assessment trip for January 2016. The purpose of the trip was to assess the water quality, assess the well yield, engage the community and better understand its needs. Several new team members joined: Francesca Chery, a senior Rutgers biomedical engineering student and a Haitian-American, and Evan Lutz, a sophomore Rutgers environmental engineering student. We did a Flapjack Fundraiser and engaged crowdfunding to pay for the trip. After the trip we held a dinner/concert fundraiser at New Republic, a Haitian Restaurant in Elizabeth.

The team of 8 traveled to Haiti in January of 2016. We stayed with the Missionaries of the Poor and spent our days testing the water, surveying the site, and meeting with the community. In spite of the heat and humidity, the dusty, acrid air, and the disease carrying mosquitos, we executed our plan splendidly. We held a community meeting at the hospital and announced the coming of the new hospital. We visited many of the communities the hospital would serve, places like Duty, Tovar, Acul du Nord, La Bruyiere and Grisongard. We conducted numerous surveys, collected
water samples and tested the groundwater’s ability to provide a sustainable water supply. We gathered all of the key information we would need to design the systems. We also fell in love with the country and its people and become more committed to making a difference in this poor country with joyful people. Since returning, we have welcomed new members to our team including Eleana Little, an environmental engineer, Rutgers graduate, environmental engineer and former EWB-USA member, Jeeps Patel, a water resources engineer, Ron Farr, a forester, and Nick Kenah, an engineering student at Virginia Tech.

With a newfound commitment to the New Hope Hospital project and the communities we visited, Dlo Geri took the necessary steps to register as a New Jersey nonprofit corporation and a tax exempt public charity under IRS section 501(c)3. Concurrently with efforts to expand our reach and gain support, the team began an alternatives analysis for water treatment for the hospital. We evaluated treatment technologies and used factors such as effectiveness, cost and sustainability to compare them.

AJ kept in touch with Dr. Maklin, who planned to open New Hope Hospital to the community in phases - beginning with a 33-bed clinic, and expanding services and capacity over time. Dlo Geri decided to break the water treatment project into two phases – the first phase would involve a chlorination system suitable for the clinic to use, modeled after the chlorination system installed by Suez for the Sacre Couer Hospital in Milot, and for the second phase we would evaluate more robust treatment options. When Dr. Maklin gave us the goal of an October 2016 opening, we accelerated our efforts to complete the chlorination system design and to prepare and fundraise for a September 2016 implementation trip.

Evan and AJ traveled to Plaine Du Nord Haiti on September 16-19, 2016 with the goal of installing a new water system for the hospital. They collaborated with Dr. Maklin and his team of contractors. The work included installing a new well pump, conveyance piping, valving and flow meters and a new chlorination system. They chlorinated the tanks at 50 ppm chlorine to disinfect them. They trained the operations staff, Oscar, in how to operate the system. They utilized the color wheel colorimeter for chlorine levels. The trip was successfully completed with the system operating as intended.

Mike Shields and AJ traveled to Haiti on April 25-29, 2017 with the goal of checking on the operations. They met with Dr. Maklin Eugene, the Director of the New Hope hospital, and his new operator, Yves Eugene. They communicated the importance of sending the operational data sheets on a weekly basis. We cleaned the unit and cleared chlorine from the sample taps. They attempted to achieve the 1 ppm chlorine residual level at the sample tap. They were unsuccessful. After contacting the manufacturer to troubleshoot, we learned that we needed a different valve – a rate of flow valve – for the system to work as intended.

As we continue to monitor the chlorination system, we are revisiting options for the phase 2 water treatment system, using our experience with Phase 1 for guidance in developing a sustainable plan. We are concurrently evaluating alternatives and starting the design process for a wastewater treatment system for New Hope Hospital.

On the organizational front, we held our first annual Dinner Gala fundraiser – a riverboat cruise on the Manasquan River – on June 9, 2017. Sponsors included Jacobs; New Jersey American Water; Premium Color Group; Buck, Seifert & Jost, Inc.; JP Jager, Inc.; and Electro-Technique Gnerale S.A. The event was a successful celebration of our progress thus far that helped Dlo Geri to establish support in the water industry.

Dlo Geri’s plans for upcoming work include a new supply and treatment project in Shada, a slum in Cap Haitien, and potential new projects for communities in other parts of Haiti.

The group also intends to continue expanding our reach, with plans to reach out to universities in the region and form student chapters of Dlo Geri.
Gender Diverse companies in the top quartile for diversity are 15% more likely to financially outperform those in the bottom quartile for gender diversity.¹

Ethnically Diverse companies in the top quartile for diversity are 35% more likely to financially outperform those in the bottom quartile for ethnic diversity.¹

92% of US population growth in the last decade has been ‘minorities’.³

The Student Affairs Committee was very active during the 2016-2017 school year. Fall 2016 saw a large surge in recruitment and new student memberships. In collaboration with the Membership Services Committee, the Section was able to offer a promotion for a free first year student membership—the results of which certainly paid off. In November, the Section started a second student chapter at Rutgers University, with over 30 Rutgers students taking advantage of the membership promotion. Our NJIT chapter also saw a resurgence in its membership this year, with a large uptick in involvement (more on that below) and new student memberships. In October, I joined Dan Blake and YP chair Jordan Spitzer-London at Rowan University to introduce AWWA to Rowan’s ASCE chapter. Thirteen (13) students signed up for memberships and many expressed interest in getting further involved with AWWA.

Winter and Spring 2017 highlights include hosting the 3rd annual Student Filter Building Competition, facilitating a jam-packed Students Day at the annual AWWA NJ conference in Atlantic City, and participating in various student outreach activities during Drinking Water Week 2017.

STUDENT FILTER COMPETITION

On Saturday, February 25, 2017, the Student Affairs Committee hosted its 3rd Annual Student Filter Building Competition at Middlesex Water Company’s C.J.O. Water Treatment Plant in Edison, NJ. This year was a record-breaker, with 15 teams comprised of 65 individuals registering for the competition! The competition featured homemade water filters built by teams comprised of high school and college students. The students filters were judged on multiple criteria including effluent flow rate, weight, effluent turbidity, cost, sustainability, and a poster presentation summarizing their design process. The students’ level of creativity and effort was truly impressive as always. The day also included a tour of the CJO Water Treatment Plant, lunch, and a presentations by Nicole Wiley and Mark Theiler. The winners of the competition received cash prizes, and an all-expenses paid trip to the NJ Section Annual Conference in Atlantic City for a chance to compete in the Student Research Poster competition.

The winning teams were as follows:

College Level
- 1st place: “NJIT” (New Jersey Institute of Technology)
- 2nd place: “Water Your Thoughts” (Rutgers University)
- 3rd place: “Bluewater Acres (Rowan University)

High School Level
- 1st place: “Jersey STEM” (Chatham HS)
- 2nd place: “North ASR” (Toms River HS North)
- 3rd place: “South Water” (Toms River HS South)

Special thanks to all of our volunteers and the folks at Middlesex Water for taking the time out of their Saturday to make this another successful event!

Above: “Water Your Thoughts”
Left: “NJIT”
Students Day at the 82nd Annual NJ Section Conference was held on March 22nd and was full of engaging activities and provided several networking opportunities to students.

Students were able to attend a student-focused educational track, put together in conjunction with the Technical Program Committee. This year, topics covered included “Work for Water” featuring a look into the daily work life of drinking water professionals in operations, engineering, regulatory, and equipment manufacturing. Additionally, a workshop was conducted to provide students with skills and tips necessary to help land their first job in the water industry. Interview skills, resume tips/critiquing, and public speaking were covered. This year we debuted a seminar titled “Diversity in Working for Water: Women in Utilities” which featured several leading women from the NJ Water Industry explaining their experiences and paths to success. A panel discussion led by Section Chair Nicole Wiley followed, and provided students an opportunity to interact with the women leading NJ’s environmental and public health efforts in a Q&A format.

Students also had the opportunity to meet and network with industry professionals (and AWWA Mascot “Eddy”) at our new “Meet the Boss” lunch event!
The Student Research Poster Competition had nine (9) entries from undergraduate and graduate students from Rutgers University, NJIT, and Rowan University. The poster judges were very impressed with this year’s entries. First place in the graduate division was awarded to Smruti Ragunath from NJIT, for her research poster titled “Generation, Optimization and Characterization of Nano-bubbles for Water Treatment Applications.” First place in the undergraduate division was awarded to Scott Quirie, Emily Heckman, and Daniel Young from NJIT for their research poster titled “Feasibility of Nano-Ozone Bubble to Treat Drinking Water.”

Teamed with members from the Licensed Operator and Young Professionals Committee, several students participated in the super-competitive Trivia Bowl to showcase their knowledge in all things drinking water. In the end the “The Ozonators,” assisted by Frank Falco and Mark Theiler, claimed this year’s trophy.

Drinking Water Week took place from May 7th to May 13th this year. The Student Affairs Committee held its annual Elementary Student Poster Contest with the theme of “Your Water: To Know It is to Love it.” Students from all over New Jersey submitted colorful and interesting hand drawn posters. The creators of the winning posters each received a $25 gift card, and the top participating classes overall received a pizza party and classroom presentation. Laura Norkute and Razaq Manley visited several winning classes the Tuscan School in Maplewood, and Steve Blankenship visited another winning class at Assumption Regional Catholic School in Galloway.

Top 3rd Grader: Olivia Welch, Tuscan School
Top 5th Grader: Allison Lee, Assumption Regional

In an effort to combat the increasing cost of tuition, the Student Affairs Committee was also pleased to award scholarships to three very deserving students during Drinking Water Week. Each scholarship is worth $5,000, distributed over the course of two years in separate $2,500 installments.

**The Drinking Water Careers Scholarship** – awarded to an undergraduate student entering their sophomore, junior or senior year of college who is interested in a career in drinking water – was awarded to Sophia Blanc from Rutgers University, currently studying Civil and Environmental Engineering.

**The Drinking Water Continuing Education Scholarship** – awarded to a high school senior who is planning to continue their education at a college, trade or vocational/technical school – was awarded to Caylee Lovinfosse from Toms River High School South. Caylee is planning to study Environmental Science at Ocean County College beginning in the fall.

**The Family Drinking Water Careers Scholarship** – awarded to children of Section members who are pursuing their education at an undergraduate, graduate or other vocational/technical school – was awarded to Troy Perry of Sussex County Community College, currently studying Environmental Science.

I’d like to give special thanks to all of the volunteers (on and off the committee) who help to make our events and activities successful. Looking forward to another successful 2017-2018 school year!

Brian Van Nortwick, EIT is a Water Resources Engineer at H2M architects + engineers and is Chair of the Student Affairs Committee.
Contact Information

Full Name  □ Mr.  □ Ms.  □ Mrs.  □ Dr.

Title

Company

Address

City

State/Province  ZIP/Postal Code  Country

Phone

Email

Gender  □ Male  □ Female  (Optional)

Birth Year  (Optional)

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)

Student $20

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

Payment

Total  $ ____________________  $20  $10

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.

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

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

* AWWA has 43 Sections in North America. You are automatically enrolled in a Section based on your address. In addition to your primary Section, you may join other AWWA Sections. There is a $33 multi-section fee, plus the dues for the other Sections as appropriate. Please call 1.800.926.7337 for more information.
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 company’s field served/principal activity? (Please check only one)
- 9 Both Water Supply & Wastewater
- 5 Water Supply Only
- 7 Wastewater Only
- 3 Other

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 areas of the water and wastewater industry are of current interest to you? (Please check all that apply)
- A Asset Management
- B Backflow/Cross Connection
- C Climate Change
- D Conservation/Efficiency
- E Customer Service
- F Desalination
- G Design/Construction
- H Distribution/Plant Ops.
- I Drought
- J Emergency Preparedness/Security
- K Groundwater
- L Laboratory
- M Membrane Treatment
- N Public Health
- O Public Info./Communications
- P Regulatory Issues
- Q Reuse
- R Small Systems
- S Stormwater
- T Training/Career Development
- U Utility Management
- V Wastewater
- W Water Loss
- X Water Quality/Treatment
- Y Water Research
- Z Water Resources/Planning
- A Workforce Strategies
- B Young Professionals

Dues rates valid through December 31, 2017. 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—$50; 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.

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AWWA Welcomes 2017-2018 Sponsors

By Mona Cavalcoli

AWWA NJ is pleased to welcome many returning Sponsors for the 2017-2018 season! If your company would like to become a Sponsor this year, there are still plenty of opportunities. Conference Sponsorship enrollment remains open until January 15, 2018. Contact Mona Cavalcoli for more information.

PLATINUM SPONSORS
Buck, Seifert & Jost, Inc
CDM Smith
HDR
Harper Control Solutions, Inc
J. Fletcher Creamer & Son, Inc

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Harper Haines Fluid Control
Hazen
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Mueller Co.
Pure Technologies
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CONFERENCE SPONSORS (TO DATE)
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Complete Control Services, Inc.
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Coyne Chemical Environmental Services
Garden State Laboratories, Inc
Koester Associates
Middlesex Water Company (in process)
Montana Construction
Pyrz Water Supply
Raritan Group

Mona Cavalcoli is the AWWA NJ Section Manager

NEW CONFERENCE SPONSORSHIP OPPORTUNITIES FOR 2018

BADGE SPONSOR (LIMIT 3): $1,000
This year, we will have new conference badges, and the ability to include full color sponsor logos on the badges. Logos will be rotated randomly but equally among printed badges.

LANYARD SPONSOR (LIMIT 1): $2,300
Have your company’s logo in full color on every badge lanyard!

STUDENT SPONSOR (LIMIT 4): $500
Help support undergraduate and graduate student attendance by sponsoring their involvement. Your support will help to cover the cost of up to four students. Student Sponsor companies will get a reserved table at the “Meet the Boss” luncheon on Wednesday.

EXHIBIT HALL JUMBO TRON SPONSOR (LIMIT 2): $1,500
Have your company logo projected on the big screen all day through the Exhibit Hall hours Wednesday and Thursday.

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.

Get Rewarded
Tell a Colleague About AWWA

You know AWWA provides the best technical resources and networking opportunities in the water sector. Refer a colleague and get rewarded for each person who joins. More members mean more connections and resources for you! Learn more at www.awwa.org/getrewarded
On September 27, 2017, the Licensed Operator Committee (LOC) and Social Responsibility Committee (SRC) teamed up to host the 8th Annual Sporting Clays event. Held at Lehigh Valley Sporting Clays in Coplay, PA, the event has become a much-anticipated social and networking event among Section members.

Coppola Services, the event’s Title Sponsor, not only provided financial support for the event but gave event coordination assistance through one of its team members, Tricia Hoffman. Tricia worked hard to communicate with attendees about their registrations and teams, and coordinated the morning and afternoon groups to go out on the course. In addition, Erika Vardaxis and Nick DeVecchis recruited event sponsors to help offset the costs of safety equipment, shells, lunch and beverages, and course fees, so that the event could raise and give the proceeds to AWWA’s Water Equation Fund.

More than 120 attendees participated in the Sporting Clays event – with a completely full morning shooting session and nearly-full afternoon session. Brilliant sunshine and warm temperatures helped make the entire day successful.

*Mona Cavalc 0li is the AWWA NJ Section Manager*
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/WFPOverview.

Water For People Committee’s $250,000 Fundraising Goal Update By Nicholas DeVecchis

The AWWA NJ Water For People Committee set an ambitious two-year charitable fundraising goal of $250,000 for calendar years 2016 and 2017. The Committee’s passion for raising funds to support Water For People’s mission of ending the global water and sanitation crisis has led us to achieve 86% of that goal, or $240,500, to date. With just one month until the close of the two-year fundraising period, the Committee is seeking the support of AWWA NJ member companies in order to clear the hurdle and generate maximum impact for those less fortunate without access to clean water and basic sanitation needs.

The Committee made tremendous progress this year, starting with the most successful “Dine & Dance” ever held in February of 2017. Michael Bange, Field Operations Manager for New Jersey American Water, again led this annual event at Ristorante Da Benito in Union, NJ, raising more than $23,000. Following closely thereafter was our Drop-In-The-Bucket Auction on the floor of the March AWWA NJ Annual Conference, which raised more than $5,000 thanks to the tireless efforts our Event Chair, Samantha Liccketto, Account Manager for Municipal Maintenance. The Water For People Golf Outing, presented this year by Montana Construction, followed in May, raising just shy of $32,000.

These events in early 2017 led us up to the largest single event by both attendance and funds raised – the “ACE 17 Water For People BASH.” With the National AWWA Conference in our backyard – Philadelphia, PA – the New Jersey Committee teamed with the Pennsylvania Committee to bring more than 350 people together to raise more than $50,000 for Water For People! Special thanks to our Presenting Sponsor, Rio Supply, Inc. for their generous support of this fundraiser. The Water For People Golf Outing, presented this year by Montana Construction, followed in May, raising just shy of $32,000.

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The next event was the “Family Night at the Ballpark” held at a Trenton Thunder game in August. This event, led by Jacquelyn Weaver, Operations Supervisor for New Jersey American Water, is a quite a fun event for everyone involved! Raising over $3,500, this great event allows our committee to not only raise money, but allows us to spread the mission of Water For People to all attendees of the game, especially those who are outside the water industry.

To close out the 2017 calendar of events, the committee hosted the 12th Annual “Turning Wine into Water” dinner and silent action. Julie Kauffman, Development Manager for Water For People, joined us and served as the Keynote Speaker. Julie spoke provided an in-depth and passionate update on the “Everyone Forever” mission. This gave guests and supporters an inside look where their donations are used and how they help create an environment where every family, school and clinic in a region where Water For People exists receives access to safe water and sanitation. The event raised a grand total of $22,000. Special thanks goes out to Pioneer Pipe Contractors who served as our Vineyard Sponsor for the 5th consecutive year and to our Event Chair, Erika Vardaxis of Federici & Akin for a job well done.

We still have work to do and hope you will help us as we push forward to surpass our $250,000 fundraising goal with a successful Marine Corps Marathon and New York City Marathon! Please check our Committee page on the AWWA NJ website and the committee’s Facebook and Twitter pages for details on all these great events. We look forward to seeing you at the next event!

Nicholas DeVecchis is the Chair of the AWWA NJ Water For People Committee

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/WFPOverview.

Upcoming Event: Save the Dates

Dine & Dance
• Friday February 24, 2018 at Ristorante da Benito in Union, NJ

Drop-in-the-Bucket Auction
• Thursday March 22, 2018 at the AWWA NJ Annual Conference, March 20-23, 2018 in Atlantic City, NJ

WFP Golf Classic
• Monday May 7, 2018 at Royce Brook Golf Club in Hillsborough, NJ
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@njawwa.org. A member of the Research and Technical Transfer Committee will contact you for more details.

Name _______________________________ Phone Number _______________________________

Name _______________________________ 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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**PIPELINE** is the official publication of the New Jersey Section of the American Water Works Association. It is published three times a year.

**Pipeline Editor**
Michael Hanna, PE
**Middlesex Water Company**
1500 Ronson Rd
Iselin, NJ 08830

**Pipeline Co-Editor (this issue)**
Mona Cavalcoli
AWWA NJ Section Manager
mona@njawwa.org
Tel: 866-436-1120

For address corrections please contact AWWA Customer Service at:
6666 W. Quincy Avenue
Denver, Colorado 80235
Phone: (303) 794-7711 or (800) 926-7337
Email: custsvc@awwa.org

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Eleana Little, EIT – Hazen and Sawyer
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