LETTER FROM THE CHAIR  By Carol T. Walczyk

Upon arriving in Manhattan for a conference a few weeks ago, I realized I’d forgotten to bring a water bottle to use throughout the day. I was a little early for the conference, so I took some time to try to buy a reusable water bottle. I checked everything that was open in the Times Square area at 8 am: drugstores, newsstands, delis. They all stocked bottled water of every size and variety, but not a single reusable water bottle. Not wanting to buy bottled water, I ended up buying another bottled beverage and reused the bottle for tap water for the rest of the day.

As an industry, we’ve been struggling with an image problem compared to bottled water for a long time.

MORE

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LETTER FROM THE CHAIR

2014 NJ SECTION ANNUAL CONFERENCE SCHEDULE

WATER FOR PEOPLE RAISES OVER $50,000 AT THEIR FALL EVENTS

WORK FOR WATER PRESENTATIONS AT STOCKTON COLLEGE AND RUTGERS UNIVERSITY

2015 ANNUAL CONFERENCE TECHNICAL PROGRAM HIGHLIGHTS

CONFERENCE UPDATE FROM THE RETIRED PROFESSIONALS COMMITTEE

DOWNLOAD THE AWWA NJ 80TH ANNUAL CONFERENCE APP!

WATER SECTOR SECURITY BEST PRACTICES SEMINAR TO BE HELD AT THIS YEAR’S CONFERENCE

GOODBYE TO OUR COLLEAGUE, PHIL ROYER

UPCOMING EVENTS

AWWA NJ INVITES YOU TO THE 80TH ANNUAL CONFERENCE

March 17 – 19, 2015
Borgata Hotel Casino & Spa, Atlantic City

2015 NJ Section Annual Conference Schedule
Borgata Hotel Casino & Spa, Atlantic City

CLICK HERE TO SEE CONFERENCE SCHEDULE

Water For People Raises Over $50,000 at their Fall Events
By Erika Vardaxis, P.E.

The Water For People Committee of the AWWA NJ section hosted the 9th Annual Turning Wine Into Water event on October 17, 2014, at Laurita Winery to raise money for Water For People. The evening was a tremendous success and over $26,000 was raised for Water For People!

MORE
Work for Water Presentations at Stockton College and Rutgers University  By Albert J. Capuzzi

Teams of water professionals traveled to Richard Stockton College in Galloway, New Jersey on November 12 and to Rutgers University on November 20 to meet with students and provide the award-winning Work for Water presentation developed by the AWWANJ Education and Professional Development Committee. The Stockton College presentation team included Andrea McElroy (Passaic Valley Water Commission), Alan Dillon (NJDEP), John Perry (Montville Township), Frank Falco (Middlesex Water Company), and Albert J. Capuzzi (Jacobs Engineering). The Rutgers University presentation team included Karen Fell (NJDEP), Jonathan Reed (CDM-Smith), Oleg Kostin (New Jersey American Water), and Albert J. Capuzzi. The Stockton event was sponsored by student organization, Stockton Action Volunteers for the Environment, or SAVE, and coordinated by SAVE’s co-leader Sarah Lipuma. The Rutgers event was sponsored by the Rutgers’ Engineers without Borders team and coordinated by team’s leader, Amit Kulkarni. Sophia Heng, Chair of the AWWA NJ Student Affairs committee, adeptly handled the initial invitation and coordination. The schools did a great job advertising, reserving the rooms, and setting up the audio/visual equipment. Approximately 20 students crammed into Room 4 of the Stockton Campus Center, a LEEDS Gold certified building, to hear the presentation. At Rutgers, approximately 35 Students met at the Busch Campus Center in ABC Room 120 where pizza and dessert was served.

During and after the presentation, students asked insightful questions that prompted great discussions on topics such as operator licensing, travel opportunities, research positions, how work is delegated, water reuse, water safety and compliance testing, and the triple bottom line. After the presentation, the presenters met with students to answer individual questions and continue the earlier discussions.

Overall, the Work for Water presentations were a great success. We connected with the Stockton and Rutgers students and provided a window into the water industry that hopefully will inspire some to join us. We all really enjoyed collaborating with each other to promote the next generation of water leaders.

If you know of a college or university in the State that would be interested in this presentation, please contact Student Affairs Chair, Sophia Heng, at njawwa.sa@gmail.com. If you are interested in being part of a team that presents the Work for Water presentation, please email Albert Capuzzi at albert.capuzzi@jacobs.com.

Albert J. Capuzzi, PE, is the Mid-Atlantic Practice Leader, Water/Wastewater Engineering at Jacobs Engineering.

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Letter from the Chair (continued from page 1)

Although there are fewer regulations for bottled water than tap water, many view bottled water as safer and better tasting than tap water. And clearly there is a convenience factor, as evidenced by my difficulty finding a container to use for tap water while traveling. For these reasons, people are willing to pay nearly 1,000 times more for bottled water than tap. However, public perception of tap water impacts more than water revenues. Derek Gardels of the Institute for Water Resources says, “The common mistrust of the quality of municipal tap water allows for the continued underinvestment in public water infrastructure.” In “The Big Thirst,” Charles Fishman reports that the amount Americans spend on bottled water each year is roughly equivalent to the annual spending of the entire U.S. water supply system. At a time when we are desperately seeking funding to repair, replace and reinforce our critical water infrastructure, millions are being spent on a competing luxury item. But how can water utilities compete with the massive marketing resources of the bottled water industry?

AWWA has many resources to help: training, publications, and customer support services to help water utilities reach out to their own customers. Drinking Water Week, May 3 – 9, is an ideal time to utilize those resources to try to do our part to educate the public about the value of water. AWWA’s public education website, www.drinktap.org, is a great resource to share with customers. Visit AWWA’s website, www.awwa.org, and check Resources & Tools>Public Affairs>Public Affairs Events for more ideas for Drinking Water Week celebrations.

In addition to industry resources such as those available from AWWA, we as an industry need to work together to advance our mission. An ideal opportunity to build those relationships is rapidly approaching: the New Jersey Section’s 80th Annual Conference, March 17 – 20, at the Borgata Hotel Casino & Spa. The beautiful meeting space at the Borgata allows us to provide even more opportunities for education and networking this year. Along with offering up to 15 continuing education credits in our technical sessions, the conference features a dedicated student track, operator training sessions including hands-on equipment demonstrations, and social events such as a special concert by our Section band, Water Hammer. Don’t miss our Keynote Speaker, Mike McGuire, Editor in Chief of Journal AWWA and acclaimed author of “The Chlorine Revolution.” To be sure you don’t miss any of the exciting events, download our new Conference app, with which you can view the program, create custom schedules and reminders, download conference proceedings, and much more. See page 7 for more information.

Last, but not least, this is my last Pipeline letter as Chair. Everyone warned me that this year would go quickly, and they were absolutely right. There is so much we need to do, and want to do, but our volunteer time is stretched thin. I am fortunate to have had the support of many wonderful people, including our Board of Trustees, our Section Manager, and our many dedicated committees, to help further the Section’s mission. Volunteering with the Section and Association does take time and effort, but reaps many rewards. I encourage everyone to get involved in AWWA, for the professional and personal relationships, for the educational opportunities, and because we need your help. Reusable water bottle: $10. Knowing that you have contributed in some small way to improving the image of drinking water: priceless.

Carol T. Walczyk is a Vice President at Hatch Mott MacDonald and Chair of the NJ Section.
AWWA NJ 2015 Annual Conference
Shaping Our Water Future

Tuesday, March 17, 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 AM – 5:00 PM</td>
<td>Registration • Location: Registration Area</td>
</tr>
<tr>
<td>9:00 AM – 9:55 PM</td>
<td>Check-In</td>
</tr>
</tbody>
</table>

**Session A1: Session Master: Mark Tompeck**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:55 AM – 4:15 PM</td>
<td>OPENING TECHNICAL SESSION&lt;br&gt;Course Number: 02-021501 10</td>
</tr>
<tr>
<td>10:00 AM – 11:00 AM</td>
<td>State of the Industry Report and ASCE Report Card on Water: Mark Tompeck and Patrick Natela, Hatch Mott MacDonald</td>
</tr>
<tr>
<td>11:00 AM – Noon</td>
<td>Use of AWWA Buried No Longer Tool: Steve Blankenship, Hamilton Township MUA</td>
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</table>

**Lunch – On Your Own**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>1:00 PM – 1:50 PM</td>
<td>NJDEP Asset Management Guidelines and Preliminary Progress from Pilot Plans: Steve Doughty, NJDEP</td>
</tr>
<tr>
<td>1:50 PM – 2:40 PM</td>
<td>Asset Renewal Implementation Case Study: Earl Schneider, Hatch Mott MacDonald • Location: Salon A</td>
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</tbody>
</table>

**Break**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>2:40 PM – 2:55 PM</td>
<td>Financial Realities – Competition for Limited Available Funding: John Perry, Township of Montville</td>
</tr>
<tr>
<td>3:45 PM – 4:15 PM</td>
<td>Roundtable Discussion – All Presenters: Moderated by Mark Tompeck</td>
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**Break**

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>4:45 PM – 5:45 PM</td>
<td>OPENING SESSION&lt;br&gt;Keynote Speaker: Mike McGuire – The Chlorine Revolution</td>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>5:45 PM – 7:45 PM</td>
<td>Meet &amp; Greet (Cocktail Reception) • Location: Exhibit Area</td>
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**REGISTRATION DESK HOURS**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>Tuesday: 9:00 AM – 5:00 PM</td>
<td>Wednesday: 8:00 AM – 4:00 PM</td>
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<tr>
<td>Wednesday: 7:30 AM – 5:00 PM</td>
<td>Thursday: 8:00 AM – 1:00 PM</td>
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<tr>
<td>Thursday: 8:00 AM – 2:00 PM</td>
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**2015 Annual Conference Technical Program Highlights**

By Eileen McCarthy Feldman

The Technical Program Committee has assembled a strong agenda for the 2015 Annual Conference focusing on providing interesting, worthwhile content to our Section members. Some highlights of our program include:

- **Operator Track with Hands-on Training** – We have planned a full day of operator training for Wednesday. The morning session will provide a refresher on water treatment and practices in a large group setting. The afternoon will be small breakout groups for hands-on training related to metering pumps, hydrants, disinfectant analysis and backflow prevention.

- **Evolving Processes and Technologies** – Various presentations will include the latest and greatest information on advanced oxidation processes, trenchless technologies, DBP control, biological filtration and algae control.

- **Practical Matters** – Sessions focusing on issues that everyone needs to consider including water system security, regulatory updates, emergency response, electrical safety and asset management will be offered.

- **Students and Young Professionals** – The Student Affairs Committee and Young Professionals Committee have prepared a dedicated track on Wednesday to provide Water 101 training and information about careers in water to our newest members. On Thursday, our retired professionals have teamed up with young professionals to share the history and evolution of water utility management and water treatment operation.

Our continuing education credits are still pending, and we strive to maximize the opportunities for our members to receive these important credit opportunities at a great value.

Eileen McCarthy Feldman, P.E., is a Senior Associate at Hazen and Sawyer and Chair of the Technical Program Committee.
# 2015 NJ Section Annual Conference Schedule (continued)

**Wednesday, March 18, 2015**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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</thead>
<tbody>
<tr>
<td>7:30 AM – 4:00 PM</td>
<td>Exhibits Open</td>
</tr>
<tr>
<td>8:15 AM – 3:45 PM</td>
<td>Technical Sessions</td>
</tr>
<tr>
<td>8:15 AM – 12:45 PM</td>
<td>Student Poster Session</td>
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<tr>
<td>8:15 AM – 3:30 PM</td>
<td>Students Day Educational Track</td>
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### Session H: Session Master – Sandy Kutzing

**STUDENT AFFAIRS**

<table>
<thead>
<tr>
<th>Time</th>
<th>Course Number</th>
<th>Credits</th>
<th>PO:</th>
<th>APO:</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15 AM – 9:45 AM</td>
<td>02-021528-10</td>
<td>1.5</td>
<td>Kutzing</td>
<td>Selders</td>
<td>John Dyksen, et al</td>
</tr>
<tr>
<td>10:15 AM – 11:45 AM</td>
<td>02-021528-10</td>
<td>1.5</td>
<td>Applegate</td>
<td>Slota</td>
<td>John Dyksen, et al</td>
</tr>
</tbody>
</table>

### Young Professionals (not for credit)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 PM – 2:30 PM</td>
<td>Why I Work for Water</td>
</tr>
</tbody>
</table>

### Session B: Session Master – Ron von Autenried

**REGULATORY REVIEW**

- Course Number: 02-021503 10
- 1.5 Credits | PO: von Autenried | APO: Hutson

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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</thead>
<tbody>
<tr>
<td>8:15 AM – 8:45 AM</td>
<td>Delaware River Basin – Water Supply and 1954 U.S. Supreme Court Decree: Fred Sickels, NJDEP</td>
</tr>
<tr>
<td>8:45 AM – 9:15 AM</td>
<td>Disinfection and Turbidity Requirements at Public Water Systems: Kristin Tedesco, NJDEP</td>
</tr>
<tr>
<td>9:15 AM – 9:45 AM</td>
<td>Avoid Deficit to Avert Disaster – Knowing Your Actual Firm Capacity: David Chanda, NJDEP</td>
</tr>
</tbody>
</table>

### Session C: Session Master – Mark Tompeck

**SURFACE WATER TREATMENT**

- Course Number: 02-021507 10
- 1.5 Credits | PO: Tompeck | APO: Stanley

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15 AM – 8:45 AM</td>
<td>UWMX High Rate Filtration Demonstration Testing – Expanding Plant Capacity by 60% Within Existing Footprint: Jim Mastrokalos, United Water Toms River</td>
</tr>
<tr>
<td>8:45 AM – 9:15 AM</td>
<td>Lessons Learned from Ozone Contactor Tracer Testing at Little Falls Water Treatment Plant: Amy Gao, CH2M HILL, FI</td>
</tr>
</tbody>
</table>

### Session D: Session Master – Joe Stanley

**OPERATIONS I**

- Course Number: 02-021511 30
- 1.5 Credits | PO: Gettings | APO: Hahn

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:15 AM – 10:45 AM</td>
<td>Water Treatment 201: M. Furrey, Agra Environmental Lab Services</td>
</tr>
<tr>
<td>10:45 AM – 11:15 AM</td>
<td>Chlorine Disinfection Principles: Shane Reed, Hach Company</td>
</tr>
<tr>
<td>11:15 AM – 11:45 AM</td>
<td>History of Water Meter Reading – Now and to the Future: Steve Bruewer, Hersey Meter and Tom Toner, Waterworks Supply</td>
</tr>
</tbody>
</table>

### Water Quality

- Course Number: 02-021504 10
- 1.5 Credits | PO: Hutson | APO: von Autenried

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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</thead>
<tbody>
<tr>
<td>11:15 AM – 11:45 AM</td>
<td>Mitigation of Harmful Algae Blooms and Cyanotoxins – A Case Study: Keith Carnick, United Water</td>
</tr>
</tbody>
</table>

### Disinfection Byproducts

- Course Number: 02-021508 10
- 1.5 Credits | PO: Stanley | APO: Tompeck

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:15 AM – 11:45 AM</td>
<td>Ultrasonic Algae Control at the Canoe Brook Reservoir: Orren Schneider, American Water</td>
</tr>
<tr>
<td>11:45 AM – 1:00 PM</td>
<td>Lunch in the Exhibit Hall</td>
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</tbody>
</table>

### More

- NJPE Credits
- NYPE Credits
- Water Operator Credits
## 2015 NJ Section Annual Conference Schedule (continued)

<table>
<thead>
<tr>
<th>Session B (continued)</th>
<th>Session C (continued)</th>
<th>Session D (continued)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TRENCHLESS TECHNOLOGIES</strong></td>
<td><strong>ADVANCED OXIDATION PROCESSES</strong></td>
<td><strong>OPERATIONS – HANDS-ON I</strong></td>
</tr>
<tr>
<td>Trenchless Technologies</td>
<td>Advanced Oxidation Processes</td>
<td>Operations – Hands-On I</td>
</tr>
<tr>
<td>Session Number: 02-021505</td>
<td>School Number: 02-021509</td>
<td>School Number: 02-021513</td>
</tr>
<tr>
<td>1.0 Credit</td>
<td>1.0 Credit</td>
<td>1.0 Credit</td>
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<tr>
<td>PO: DeStefano</td>
<td>PO: Tompeck</td>
<td>PO: Hahn, Slota, Reger</td>
</tr>
<tr>
<td><strong>OPERATIONS – HANDS-ON II</strong></td>
<td><strong>PUMPING OPTIMIZATION</strong></td>
<td><strong>OPERATIONS – HANDS-ON I</strong></td>
</tr>
<tr>
<td>Session Number: 02-021514</td>
<td>School Number: 02-021510</td>
<td>School Number: 02-021513</td>
</tr>
<tr>
<td>1.0 Credit</td>
<td>3.0</td>
<td>1.0 Credit</td>
</tr>
<tr>
<td>PO: Hahn</td>
<td>PO: Stanley</td>
<td>PO: Buchwald</td>
</tr>
</tbody>
</table>

### Wednesday, March 18, 2015 (continued)

**Session B (continued)**

- **TRENCHLESS TECHNOLOGIES**
  - 1.0 Credit
  - PO: DeStefano | APO: Dugandzic

**Session C (continued)**

- **ADVANCED OXIDATION PROCESSES**
  - 1.0 Credit
  - PO: Tompeck | APO: Stanley

**Session D (continued)**

- **OPERATIONS – HANDS-ON I**
  - 1.0 Credit
  - PO: Hahn, Slota, Reger

### 1:00 PM – 1:30 PM

- 48 | Slip Lining – Smart Reuse of an Existing Asset: Hetal Mistry, United Water
- 57 | Fast-Track Design and Implementation of Treatment for 1,4-Dioxane and BCEE Using UV-AOP: Margie Gray, Hatch Mott MacDonald
- 86 | Fire Hydrant Maintenance – Hands-On: Andy Clauhs, Mueller Company

### 1:30 PM – 2:00 PM

- 71 | Water Main Installation Using Trenchless Methods: Ken Bienkowski, Jacobs
- 5 | Advanced Oxidation Procedures – A Study in Potable Groundwater Application: Andrew Manfredi, H2M Architects & Engineers, FI
- 87 | Chemical Metering Pump Demonstration – Hands-On: Joe and Steve Pryz, Pryz Water Supply Company

### 2:00 PM – 2:30 PM

- **DISTRIBUTION CONSTRUCTION**
  - 1.0 Credit
  - PO: von Autenried | APO: DeStefano

**PUMPING OPTIMIZATION**

- 2 | Gravity Pipeline Lowers Electrical Costs at 100 MGD Water Treatment Plant: Earl Schneider, PE, Hatch Mott MacDonald
- 7 | Energy Efficiency in Pump Coating: Jack Wallace, P.E., Municipal Maintenance Company, FI
- 84a | Chlorine Analysis – Hands-On: Shane Reed, Hach Company

### 3:00 PM – 3:30 PM

- 58 | NJAW Successfully Crosses the GSP, Jumping Brook and Earle Rail: Frank Blaek, Jacobs Engineering, FI
- 16 | On-Demand Pump Condition Assessment and Optimization: Jeff M. Miller, PE, ENV SP, Schneider Electric
- 85a | Backflow/Cross Connection Control – Hands-On: Greg Picher, AP Certified Testing

### 3:30 PM – 3:45 PM

- **Break • Location: Exhibit Area**

### 3:45 PM – 5:45 PM

- **Annual Business Meeting | Followed by Operators’ Bowl & Student Competition: Organized by Licensed Operators & Student Affairs Committee • Location: Music Box Theater**

### 9:00 PM

- **Special Event! Section Band “Water Hammer” Plays at the MIXX Club • Location: MIXX**

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### Conference Update from the Retired Professionals Committee

#### Living History Project and Interfaith Prayer Breakfast

**By John Civardi**

**Living History Project**

The eight edition of the Living History Project was recently completed, and in this edition the Retired Professionals Committee interviewed John Dyksen, Jim Glozzy, and Neil Goldfine. John Dyksen described his career which included work at both consulting firms and three water utilities. John indicated that working for a utility helped him to gain greater insight into the profession. Jim Glozzy started out his career as a structural engineer before joining United Water where he rose to director of engineering. Jim described how communication has changed significantly over the past 30 years and that now responses are needed much faster whereas 20 years ago a memo would be written and then addressed a few days later. Neil Goldfine began his career on the wastewater side working for the Department of Environmental Protection. In 1980, Neil became the Chief Operating and Chief Executive Officer of the Atlantic City MUA. Neil describes how relationships helped influence his career.

The Living History videos will be available for viewing at the Annual Conference and will be posted on the Section’s website.

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**13th Annual Interfaith Prayer Breakfast**

Please come and join us for the 13th Interfaith Prayer Breakfast at the Annual Conference. The keynote speaker will be Bill Pearce. Bill is a recognized leader in the water profession and has integrated his faith and professional life. Throughout his career he has mentored young staff, and although Bill has been retired for several years, he has been active in the NJ Section by writing articles and giving presentations at the Annual Conference. The prayer breakfast will be Thursday March 19th and will begin at 7:30AM. For more information please contact John Civardi at john.civardi@hatchmott.com.

John Civardi a Vice President at Hatch Mott MacDonald and Co-Chair of the Retired Professionals Committee.
### Thursday, March 19, 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30 AM – 8:30 AM</td>
<td>Interfaith Breakfast</td>
</tr>
<tr>
<td>8:00 AM – 1:30 PM</td>
<td>Registration Open</td>
</tr>
<tr>
<td>8:00 AM – 1:30 PM</td>
<td>Exhibits Open</td>
</tr>
<tr>
<td>8:00 AM – 8:45 AM</td>
<td>Continental Breakfast in the Exhibit Area</td>
</tr>
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</table>

#### Session Schedule

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>E</td>
<td>ELECTRICAL DESIGN &amp; SAFETY</td>
<td>Jeff M. Miller, PE, ENV SP, Schneider Electric</td>
</tr>
<tr>
<td>F</td>
<td>DISTRIBUTION WATER QUALITY</td>
<td>Chris Evans, Hatch Mott MacDonald</td>
</tr>
<tr>
<td>H</td>
<td>ASSET MANAGEMENT</td>
<td>Tvrtko O. Stigler, H2M architects + engineers, FI; Gert van der Walt, DC Water; John Civardi, Hatch Mott MacDonald</td>
</tr>
<tr>
<td>I</td>
<td>STORAGE WARS</td>
<td>Nicole Clarke, Tank Industry Consultants</td>
</tr>
<tr>
<td>J</td>
<td>EMERGENCY RESPONSE</td>
<td>Ben Wright, PE, Hazen and Sawyer</td>
</tr>
<tr>
<td>K</td>
<td>ETHICS</td>
<td>Carol T. Walczyk, PE, PMP, Hatch Mott MacDonald</td>
</tr>
<tr>
<td>L</td>
<td>KNOWLEDGE SHARING</td>
<td>Jonathan Reed, CDM Smith, FI</td>
</tr>
<tr>
<td>M</td>
<td>OPERATIONAL RISK</td>
<td>Brian R. Goldman, P.E., Greeley and Hansen</td>
</tr>
<tr>
<td>N</td>
<td>KNOWLEDGE SHARING</td>
<td>Stacy Fysz; DiAsia Brooks, Trenton Water Works, FI; Perisa Azhir, Middlesex Water, FI</td>
</tr>
</tbody>
</table>

**More**

- NJPE Credits
- NYPE Credits
- Water Operator Credits
**2015 NJ Section Annual Conference Schedule (continued)**

**Thursday, March 19, 2015 (continued)**

<table>
<thead>
<tr>
<th>Session E (continued)</th>
<th>Session F (continued)</th>
<th>Session G (continued)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>METERS &amp; NON-REVENUE WATER</strong> • Course Number: 02-021518 10 • 1.5/1.0/1.0 Credits</td>
<td><strong>TREATMENT OPTIMIZATION</strong> • Course Number: 02-021522 10 • 1.5 Credits</td>
<td><strong>PIPE REHABILITATION</strong> • Course Number: 02-021527 10 • 1.5 Credits</td>
</tr>
<tr>
<td>• PO: Dugandzic</td>
<td>• PO: Hroncich</td>
<td>• PO: Kutzing</td>
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<tr>
<td>• APO: Applegate</td>
<td>• APO: Frissora</td>
<td>• APO: Tong</td>
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<tr>
<td><strong>2:45 PM – 3:15 PM</strong></td>
<td><strong>3:15 PM – 3:45 PM</strong></td>
<td><strong>3:45 PM – 4:15 PM</strong></td>
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<tr>
<td>27</td>
<td><strong>Taking Pressure Off Your NRW Losses:</strong> Russell G. Titus, New Jersey American Water</td>
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<td>59</td>
<td><strong>Application of Chlorine Dioxide to Improve Treatment Plant Performance:</strong> John Civardi, PE, Hatch Mott MacDonald</td>
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<td>33</td>
<td><strong>Metal Wars: Welded Steel vs. Ductile Iron Transmission Mains:</strong> James A. Floytrop, III, PE, CME, Dewberry Engineers Inc.</td>
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<tr>
<td><strong>3:45 PM – 4:15 PM</strong></td>
<td>6</td>
<td><strong>Smart Metering &amp; Customer Service Commitment in Bayonne – Making Public-Private Partnerships Work:</strong> Chris Riat, Ed Hackney, United Water</td>
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<td>43</td>
<td><strong>Pawtucket WTP Optimization to Improve Performance and Customer Satisfaction:</strong> Bob Raczko, PE, United Water</td>
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</tr>
<tr>
<td><strong>6:00 PM – 9:00 PM</strong></td>
<td><strong>Attendee Appreciation &amp; Awards Dinner</strong> • Location: Signature Room</td>
<td><strong>MORE</strong></td>
</tr>
</tbody>
</table>

- NJPE Credits
- NYPE Credits
- Water Operator Credits

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**Come see comedian Buddy Fitzpatrick perform at the Attendee Appreciation and Awards Dinner!**

**Buddy Fitzpatrick**

A native of Philadelphia, Buddy Fitzpatrick is currently a New York City club favorite sharing his comedy perspective. His act combines the skill of a great monologist with a physical style that brings his observations to life. At the age of 18, he left Philadelphia to pursue a career in the arts. He enrolled in the American Academy of Dramatic Arts in New York City and has never looked back. He went on tour with several theater companies starring in plays ranging from Shakespeare to Neil Simon. His comedy timing was always a bright spot in any production and with a little prodding he took the next step to the comedy club stage. Soon after, Buddy was a regular at all the prominent showcase clubs in New York City honing his craft night after night. The positive response to his work fueled his desire and has kept him been busy on the comedy circuit for the last twelve years. His act is made up of inventive material delivered in a self-assured style. Buddy’s stand-up made him a regular on Comedy Central with appearances on ABC and A&E. Buddy can be seen in the Damon Wayans’ film “Harlem Aria” and in “The Business of Strangers” starring Julia Stiles and Stockard Channing. His television credits include HBO’s “Sopranos.” Buddy has written, produced and performed his biographical play “Sides” at various NYC theatres.

Buddy can be seen on nickmom “Night Out” and has made two appearances.
Download the AWWA NJ 80th Annual Conference App!

The AWWA NJ 80th Annual Conference has gone mobile using Guidebook!

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

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

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

**FIRST STEP**

- Download ‘Guidebook’ from the Apple App Store or the Android Marketplace
- Visit http://guidebook.com/getit from your phone’s browser
- Scan the following image with your mobile phone
  (QR-Code reader required, e.g. ‘Red Laser,’ ‘Barcode Scanner’)

**SECOND STEP**

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

See you at the event!

– The AWWA NJ Conference Committee
The Operational Risk Committee (ORC) is planning to provide guidance on water sector security best practices to help our members understand the resources available and to deliver a Q&A with professionals engaged in the protection of critical infrastructure in New Jersey. The ORC sponsored two presentations for the 2015 AWANJ Annual Conference at the Borgata Hotel & Casino in Atlantic City. The New Jersey Office of Homeland Security and Preparedness (OHSP) and The Department of Homeland Security (DHS) have agreed to present unique discussions during the Thursday afternoon sessions from 1:30 – 2:30 PM.

A representative from OHSP will discuss the New Jersey Domestic Security Preparedness Act, and the New Jersey Domestic Security Preparedness Task Force (NJDSPTF) as the State’s Cabinet-level body responsible for setting homeland security and domestic preparedness policy. The Task Force is part of the Office of Homeland Security and Preparedness and is chaired by the Director of OHSP. The Water Sector Security Working Group (WSSWG) serves under the NJDSPTF to identify areas of interest related to security issues affecting the provision of water service. The WSSWG fosters and develops continuous improvement of best management practices for water industry operations and acts as a liaison among purveyors, regulators and law enforcement, providing technical advice where needed. The presentation will discuss the mission of the WSSWG and will include a threat briefing for the water sector in New Jersey.

A representative from DHS will discuss the Protective Security Coordination Division (PSCD), a division within the National Protection and Programs Directorate’s Office of Infrastructure Protection that provides programs and initiatives to enhance the protection and resilience of the nation’s critical infrastructure with respect to all-hazards incidents. The water sector is one of 16 critical infrastructure sectors included in the National Infrastructure Protection Plan. The mission of the PSCD is to provide strategic coordination and field operations support to reduce risk to the nation’s critical infrastructure from a terrorist attack or natural disaster. PSCD programs help critical infrastructure owners and operators and state and local responders to assess vulnerabilities, interdependencies, capabilities, and incident consequences. In addition, the PSCD helps owners and operators to develop, implement, and provide national coordination for protective programs to facilitate critical infrastructure response to and recovery from all hazards. A Protective Security Advisor (PSA) in New Jersey can provide assistance by planning, coordinating, and conducting security surveys and assessments and by planning and conducting outreach activities. This is accomplished through a combination of data collection, assessment, and analysis to give government officials and private sector owners and operators what they need for risk mitigation and to build resilience. The Division’s activities also inform Department initiatives such as infrastructure protection grant programs and research and development requirements. This presentation will include discussion on some of the tools available for owners and operators to help secure their critical infrastructure.

We are grateful to OHSP and DHS for providing this opportunity for our members to learn more about the mission of the WSSWG and the PSCD respectively and we look forward to seeing everyone at the Annual Conference.

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.
Your utility faces daily-to-day challenges providing reliable, safe drinking water for your customers while avoiding costly violations. AWWA NJ Section is offering a FREE workshop to help your utility learn about compliance with drinking water regulations and steps to avoid costly violations. Workshop modules will also cover how to prevent microbial contaminants, and how to maintain optimal water quality including ways to optimize your system and reduce DBP’s. This two-part workshop, which will be held on April 14 & 21, is made possible by funding through the USEPA and AWWA’s partner, the Rural Community Assistance Partnership.

When: April 14 & April 21, 2015  
(two consecutive Tuesdays*)  
8:00 am - 12:30 pm

Where: DoubleTree Hotel - Tinton Falls, NJ

This seminar is FREE, but you must register to reserve your place.

To register: www.njwater.org/training

For more information call 866-436-1120.
Space is reserved for small systems. If space is available, we may accommodate larger systems.

This Workshop will cover:

- Regulatory Review  
  - Total Coliform Rule & Revised Total Coliform Rule  
  - Groundwater Rule  
  - Surface Water Treatment Rule  
  - Stage 2 Disinfectants/Disinfection By-products Rule  
  - Lead and Copper Rule  
- Microbial Contaminants  
- Distribution System O&M  
- DBP Formation and Control

This two-part Workshop is approved for 8 TCHs toward NJ Water Operator licenses*

*You MUST attend both days of the training to earn TCHs
Water For People Raises Over $50,000 at their Fall Events  By Erika Vardaxis, P.E.

(continued from page 1)

New Jersey supporters of Water For People and the AWWA NJ Section did it again. The event was a sell out with 200 people registered to attend and 25 sponsors! The Friday evening dinner involved a cocktail hour in the Tasting Room followed by a 4 course dinner with wine pairings in the Dining Room. The keynote speaker this year was Patrick McCann, a Board Member of Water For People who spoke about his trips abroad and the impact from Water For People’s work.

As the attendance and support from Section members increases every year, so does the quality of the silent auction items. This year we had 54 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, a weekend at a beach house, and much more. Over $7,000 was raised from the silent auction alone. In addition, this year also had a raffle to win a Microsoft Surface Tablet and Tory Burch handbag valued at over $1,000! Montana Construction Corp. Inc. donated these items and only 100 raffle tickets were to be sold so attendee odds were pretty good (1 in 100) and the lucky winner was extremely excited!

Team Water for People also had a strong presence on November 2nd at the TCS New York City Marathon. Eight (8) people agreed to be part of Team Water For People and braced the wind and cold to run 26.2 miles. Each team member agreed to raise at least $2,500 for Team Water For People and as a result raised over $24,000! The team comprised of people in and out of the water industry who spread the word about Water For People on their own.

On November 1st, a portion of the team met for a pre-race lunch and last minute carbohydrate loading. There each team member in attendance could talk strategy for the next day and also talk about Water For People. It was an amazing experience to hear such passionate people about running and fundraising for a worthy cause. A few provided follow up comments from the whole experience:

Eric Thornburg, Connecticut Water, led the team in fundraising, raising over $4,600 alone. Eric was aware of Water For People and had been on impact tours to supported countries. He was blown away that those villages with water were filled with hope and health, whereas villages without were desperate and hopeless. He truly feels safe water transforms lives, it doesn’t just change them.

Anthony Tomasello, Hatch Mott MacDonald led the team with the fastest time on a difficult day, raised $2,700 and said it was truly a prideful and inspiring experience. He was amazed by the number of friends, family and co-workers outside of the industry who donated to the cause.

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

• Vineyard Sponsor – Pioneer Pipe Contractors, Inc.

Pictured from left to right: Donald Hughes, Eric Thornburg, Michael Johnson, Amy Rockhill, and Sue Dorsey. (Not pictured: Rose Ann Harris, Anthony Tomasello, Lisa McKeon, and Mike Decarlo)
Water For People Raises Over $50,000 at their Fall Events (continued from page 18)

Sue Dorsey raised over $4,000 and is currently the Chief Financial Officer (CFO) of Water For People in Denver. As someone who works for Water For People she knows the impact of Water For People but noted it felt amazing to run with Team Water For People at such a grand event. She felt among friends with a variety of worthy causes representing the running community. She feels that Water For People runs this race every day in the countries that Water For People supports to meet the goal of everyone having access to safe water and sanitation.

Amy Rockhill raised $2,500 and had run the NYC Marathon in the past but decided to join Team Water For People to run in honor of her late friend, Wilma Warren. Wilma was a strong advocate for providing clean water for everyone in southwestern Virginia where Amy lives. She considers herself a reasonably good citizen with ecological and conservation issues and after not being selected for the NYC Marathon by lottery, she decided to join the team and run in honor of Wilma.

Water For People will be again partnering with the New York Road Runners for the 2015 TCS New York City Marathon. If you would like to join the team, contact Michael Johnson at msj@bsjinc.com.

In addition, it is time once again for Water For People to turn its efforts to the American Water Works Association (AWWA) – New Jersey Annual Conference. As in past years, Water For People will be hosting a Drop in the Bucket Auction held during the conference. The Drop in the Bucket auction is a great way to support Water For People and also increase traffic to your booth at the conference. For more information, please contact Jessica Kretch at kretchja@cdmsmith.com.

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

- **Golf Outing** – May 4, 2015
- **Trenton Thunder** – July 24, 2015
- **Wine into Water** – September 11, 2015
- **TCS New York City Marathon** – November 1, 2015

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 an Engineering Project Manager at New Jersey American Water and the Secretary of the Water For People Committee.

**A.P. BLACK RESEARCH AWARD – DR. MARK W. LECHEVALLIER**

The AWWA Board of Directors approved the Dr. Mark W. LeChevallier from the New Jersey Section at the January Winter Board Meeting for the A.P. Black Research Award. This award is presented to an individual whose contributions and accomplishments in the field of water warrant special recognition.

An official letter was sent in February from Association headquarters congratulating Dr. LeChevallier, and he will be recognized during the Opening General Session at ACE15 in Anaheim, California.
Goodbye to Our Colleague, Phil Royer

By Josephine Craver and Alan S. Dillon

It is with great regret that we recognize the passing of Phil Royer, Section Chief with the Bureau of Safe Drinking Water, in January, 2015. Phil Royer began his career on June, 1978 in the NJDEP’s then Bureau of Potable Water’s construction permit section. He spent most of his career as Section Chief of the New Jersey Water Supply Bond Loan Program, which evolved into the Drinking Water State Revolving Fund Program. In 2011, he became the Section Chief of Drinking Water Compliance. Phil had a BS in Civil Engineering from Lehigh University and was a New Jersey Licensed Professional Engineer.

A dedicated 36 year employee of NJDEP, Phil spent the majority of his career developing the financing program for New Jersey’s drinking water systems and in integrating the Water Supply Division databases into NJEMS to more efficiently manage the NJDEP’s information for permits, reporting and enforcement activities. He exhibited a quiet competence that was always reflective of the highest standards of professionalism and quality.

Co-workers remember Phil as a very soft spoken and gentle spirit, detailed oriented, extremely knowledgeable, thorough in his work, and dedicated to doing the job right the first time. He was a consummate professional and gentleman, an expert in NJ water issues, and dedicated to protecting and improving the public health of New Jersey’s citizens. He was someone who truly understood and practiced the oath taken by all public employees to serve the public trust and was recognized by both the public and his staff as a person of integrity, honor, and compassion. Phil was 57 years old and lived in Pennington, NJ. He is survived by his wife, Jacqueline, and three children, Daniel, Matthew and Katherine and a sister, Catherine. He was an active member in the First Presbyterian Church of Titusville; serving as an elder and deacon.

He will be greatly missed by all who had the pleasure of working with him.

We would like to remember him with the poem that follows:

Abou Ben Adhem | By Leigh Hunt 1784–1859

Abou Ben Adhem (may his tribe increase!)
Awoke one night from a deep dream of peace,
And saw, within the moonlight in his room,
Making it rich, and like a lily in bloom,
An angel writing in a book of gold:—
Exceeding peace had made Ben Adhem bold,
And to the presence in the room he said,
“What writest thou?”—The vision raised its head,
And with a look made of all sweet accord,
Answered, “The names of those who love the Lord.”
"And is mine one?” said Abou. “Nay, not so,”
Replied the angel. Abou spoke more low,
But cheerly still; and said, “I pray thee, then,
Write me as one that loves his fellow men.”

The angel wrote, and vanished. The next night
It came again with a great wakening light,
And showed the names whom love of God had blest,
And lo! Ben Adhem’s name led all the rest.

Phil Royer – Rest In Peace
**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 ___________________________________

E-mail Address ___________________________________

Issue/Research Idea ____________________________________________

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

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Anthony J. Tomasello, PE
Hatch Mott MacDonald
Water Division
111 Wood Avenue South
Iselin, NJ 08830-4112
Tel: 973-379-8742
Fax: 973-376-1072
anthony.tomasello@hatchmott.com

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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**Publications Committee**
Mona Cavalcoli
AWWA NJ Section Manager

Christopher P. Olson, P. E.
New Jersey American Water

Casandra Malone
AGRA Environmental and Lab Services

Brian Applegate
Hatch Mott MacDonald

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