**Letter from the Chair**

by Carol Theresa Storms

**PIPELINE IS GOING ELECTRONIC!**

AWWA NJ will be moving to an electronic version of *Pipeline* beginning with the next issue. This will be your last printed copy!

There are many benefits to taking *Pipeline* electronic. It’s budget friendly. It cuts the time spent printing and cost of mailing. Electronic newsletters cost far less than standard printing and can reach a significantly larger audience. It’s environmentally friendly. There is less paper and a lot less waste. The biggest advantage of taking *Pipeline* electronic is timeliness. Newsletters in electronic version allow organizations like ours to keep our members up to date as well as reach out to potential new members.

**How will this work?**

*Pipeline* will be sent via e-mail as a “portable document format” or PDF. Our e-blasts will also have a link to our Section website to download the PDF.

**What do you need to do?**

You need do nothing if you are a member and we have your e-mail address. To receive *Pipeline* electronically, the AWWA NJ must have your e-mail address. Go to the AWWA NJ website and log into the Member Center. You can view your member profile there and add or update your email address. If you have trouble logging in, you can contact our Section Office at 866-436-1120.

**Are you on Facebook or Twitter?**

Our Social Media Committee will post on Facebook and Twitter to announce when *Pipeline* is available on our website for you to download. Watch our electronic newsletter, the “Wave,” for updates as well.

For a limited time, *Pipeline* will be available in printed form for those who do not have access to e-mail. You will need to contact our Section Office for a copy by calling 866-436-1120.

**SECTION COMMITTEES**

In my last letter, I tried to give you a flavor for the Board of Trustees – who they are and what they are doing. This letter will focus on our Section Committees. This is not by any means an exhaustive list.

**Conference, Technical Programs, and Registration**

One of the most important events in the life of our Section is the Annual Conference. It takes a lot of organization and hard work to plan, develop and implement the Annual Conference.

The Conference Committee (CC) coordinates the efforts of three committees – Technical Programs, Manufacturers and Associates Committee, and Conference Registration – to produce the quality conferences each year. The CC handles the “nuts and bolts” of the conference – planning, procuring and facilitating the conference. Technical Programs (TP) produces the quality technical programs relevant to our members. TP interfaces with other Section committees such as Education and Professional Development to ensure the offering of Continuing Education Units for session attendance. Registration manages all the registration and payment activities associated with the fall and annual conferences. The Manufacturers and Associates Committee (MAC) coordinates exhibitor registration matters and enhancing vendor participation at the Annual Conference.

**Education and Professional Development**

The Education and Professional Development Committee (EPDC) oversees, coordinates, and implements the educational training programs based on the needs of you, the Section member. EPDC manages the Continuing Education Credits and Training Contact Hours program. They maintain an open dialogue with the New Jersey Department of Environmental Protection to establish TCHs. Coordination with all Section committees is vital to developing topics and educational programs.

**Research and Technology Transfer Committee**

The Research and Technology Transfer Committee (RTTC) works with other national and state associations, foundations, academia and regulators in order to provide input to the NJDEP Office of Science and the Water Research Foundation. Their tasks include both exchanging information and project ideas and disseminating pertinent research information. RTTC coordinates with the EPDC on seminars and workshops on water quality, treatment, research and other technology issues.

*(continued on page 2)*
**Notice from the State**

The Division of Water Supply has merged with the New Jersey Geological Survey to form the **Division of Water Supply and Geoscience**. The intent of the merger was to more closely align similar activities and promote efficiency. The new organization with primary contacts is as follows:

<table>
<thead>
<tr>
<th>Division of Water Supply and Geoscience</th>
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<tbody>
<tr>
<td><strong>Director’s Office</strong></td>
</tr>
<tr>
<td><strong>New Jersey Geological and Water Survey Element</strong></td>
</tr>
<tr>
<td>This element is responsible for water supply allocation, planning and modeling, well permitting, hydrogeological analysis, coastal geology, geological mapping, and geoscience research, evaluation and information.</td>
</tr>
<tr>
<td><strong>Bureau of Water Allocation and Well Permitting</strong></td>
</tr>
<tr>
<td>This bureau is responsible for water supply allocation, agricultural certification, and well permitting.</td>
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<tr>
<td>North Section</td>
</tr>
<tr>
<td>Jan Gheen, Section Chief</td>
</tr>
<tr>
<td><strong>Bureau of Water Resources and Geoscience</strong></td>
</tr>
<tr>
<td>This bureau is responsible for water supply planning &amp; modeling, hydrogeological analysis, coastal geology, geological mapping, and geoscience research, evaluation and information.</td>
</tr>
<tr>
<td>Geological Mapping, Coastal Geology</td>
</tr>
<tr>
<td>609-292-2576</td>
</tr>
<tr>
<td>Helen Rancan, Acting Section Chief</td>
</tr>
<tr>
<td><strong>Bureau of Water System Operations Element</strong></td>
</tr>
<tr>
<td>This element is responsible for safe drinking water (SDW) system engineering, water system assistance, E2 reporting, drinking water compliance, SDW data systems, Drinking Water State Revolving Fund (SRF), operator licensing, and capacity development.</td>
</tr>
<tr>
<td>Water System Operations Element</td>
</tr>
<tr>
<td>609-292-5550</td>
</tr>
<tr>
<td><strong>Bureau of Safe Drinking Water</strong></td>
</tr>
<tr>
<td>This bureau is responsible for drinking water compliance determinations, NJEMS/SDWIS data systems, E2 reporting, data system support, operator licensing, capacity development and Drinking Water State Revolving Funds.</td>
</tr>
<tr>
<td>SRF, License Operators and Capacity Development</td>
</tr>
<tr>
<td>Alan Dillon, Section Chief</td>
</tr>
<tr>
<td>609-292-5550</td>
</tr>
<tr>
<td><strong>Bureau of Water System Engineering</strong></td>
</tr>
<tr>
<td>This bureau is responsible for water system assistance, water supply emergency response coordination, and permitting of water system construction and operating, water main extension, physical connection, water system treatment, public water supply well construction and operation.</td>
</tr>
<tr>
<td>Water System Assistance and Security</td>
</tr>
<tr>
<td>609-292-2957</td>
</tr>
<tr>
<td>Matt Maffei, Acting Section Chief</td>
</tr>
<tr>
<td><strong>Letter from the Chair</strong> (continued from page 1)</td>
</tr>
</tbody>
</table>

**Public Information**

The Board of Trustees revitalized the Public Information Committee (PIC) over the last year. PIC is working on developing a marketing plan on AWWANJ. PIC develops the Drinking Water Week Activities and our National AWWA “Fly-in” participation. PIC is also working on developing our own local “Fly-in” for early 2012.

**Small Systems and Operators**

As the name implies, Small Systems and Operators Committee (SSOC) is our outreach to small systems and operators. SSOC works with the EPDC to provide seminars to small systems and operators on management and operations. They work closely with the New Jersey Water Association and NJDEP to assist small water systems. SSOC organizes and conducts the Top Ops and other events at the Annual Conference.

**Membership and Membership Services**

Our membership services committees include our YPs, Social Media, and Student Affairs committees. Membership works on recruiting and retaining members, plans and organizes special membership social activities, and disseminates new member packages. The Young Professionals develops networking opportunities and events for YPs – both Section members and non-members. Our latest foray is into social media via our new Social Media Committee.

**Publications**

The Publications Committee, chaired by Chris Olson, publishes the *Pipeline* – our quality and informative newsletter. Input comes from section leadership, committees, and NJDEP. The Publications committee also solicits information to populate the Section website and formats website presentation.

I urge you to join one of the committees you find exciting. A full list of committees can be found on our website. Feel free to contact any committee chair, their contact information is on our AWWANJ website, or contact me directly.

Carol is the chair of the New Jersey Section and manager of water quality and wastewater with *Aqua New Jersey, Inc.*
User-friendly guidelines for the placement of high density polyethylene (HDPE) pipe with mini-horizontal directional drilling equipment have recently been developed by the Plastics Pipe Institute (PPI), Technical Report TR-46, “Guidelines for Use of Mini-Horizontal Directional Drilling for Placement of High Density Polyethylene Pipe,” represents a comprehensive set of information which is directly applicable to water distribution applications. TR-46 is readily available to the public via the PPI web-site at http://plasticpipe.org/pdf/tr-46-hdd-guidelines.pdf. The new document is intended to provide information analogous to that provided in ASTM F 1962, “Standard Guide for Use of Maxi-Horizontal Directional Drilling for Placement of Polyethylene Pipe or Conduit Under Obstacles, Including River Crossings,” but at a level appropriate for the less complex mini-HDD technology and typical project characteristics.

Figures 1 and 2 illustrate typical mini-HDD equipment and pilot boring and back-reaming operations, including placement (pullback) of the product pipe, such as for water distribution applications. Mini-horizontal directional drilling is typically employed for boring segments less than 600 feet in length, at depths up to 15 feet, and placing pipes up to 12 inches diameter. In contrast, maxi-HDD technology is capable of accurately boring holes thousands of feet in length, and placing pipes of 48 inches or greater, at depths up to 200 ft. Maxi-HDD machines may weigh as much as 30 tons, or greater, and is appropriate for placing pipes under large rivers or other major obstacles.

TR-46 includes the following ten main sections, as well as six supporting appendices:

- Scope
- Referenced Standards and Specifications
- Terminology
- Preliminary Site Investigation
- Safety and Environmental Considerations
- Regulations and Damage Prevention
- Pipe Design and Selection Considerations
- Bore Path Planning and Drill Rig Setup
- Implementation
- Completion

TR-46 reflects the latest industry information, but also includes new information not readily available elsewhere (see sections highlighted above). For example, easy-to-understand guidelines are provided for proper drill rig positioning, consistent with meeting required placement depths and drill rod capabilities, as well as for estimating the relevant forces and effects present during installation, allowing proper selection of the pipe strength or wall-thickness.

Although the TR-46 guidelines are primarily described with respect to mini-HDD operations, guidelines for the use of midi-HDD machines and associated practices may be obtained from the present TR-46 document, and/or ASTM F 1962, depending upon the particular application and the judgment of the contractor or engineer.

Dr. Lawrence (Larry) Slavin is president of Outside Plant Consulting Services, Inc. and is a charter member of the North American Society for Trenchless Technology.
THE WATER FOR PEOPLE COMMITTEE CORDIALLY INVITES YOU TO PARTICIPATE IN THE FIFTH EDITION OF OUR Drop in the Bucket Auction

The Water For People Committee will conduct a special “tricky tray” style raffle fundraiser at the AWWA NJ Annual Conference, at the Trump Taj Mahal Resort and Casino in Atlantic City.

Luxury items, donated at the discretion of participating vendors, will be displayed prominently at a limited number of booth locations, increasing booth attendance by conference participants, and raising money for our worthy cause in the process!

Vendors considering participation in this exciting charity need only complete two (2) simple steps:

1. Register with the Water For People Committee (see contact information below) and tell us the retail value of your prize, so that we may issue a receipt for your donation, and…

2. Purchase a prize of your own choosing to display at the Conference. Last year we saw the greatest interest over tickets to professional sporting events, electronics (think iPod, Nintendo Wii, Blu-ray players, GPS navigators), textbooks, restaurant gift certificates, golf outings and spa packages. Be creative! The purchase of your prize serves as your fee to participate, and allows you to determine the level of buzz you’d like to add to this exciting event. Note minimum retail prize value of $75. Registration deadline: Monday, March 5, 2012.

All proceeds from the sale of raffle tickets to benefit Water For People. Final prize drawings to occur during the Conference’s morning session, on Thursday, March 22, 2012. For More Information or to register for the auction, contact:

Pat Cole, Birdsall Engineering, Inc., at (732)380-1700, ext. 1283, or pkcole@birdsall.com, or Michael Weller, US Pipe, at (201)484-7746, or mweller@uspipe.com, or Michael Johnson, Buck, Seifert & Jost, Inc., at (201) 767-3111, ext. 111, or msj@bsjinc.com,

For more information about Water For People, go to www.waterforpeople.org
On September 27, 2011, the AWWA-NJ Small Systems and Operators Committee held the third annual “Sporting Clays Social Event” at Lehigh Valley Sporting Clays in Coplay, Pennsylvania. The event was once again a great success with over 20 people attending the event. Those in attendance were treated to great weather and a fun time at the range.

This year, to get everyone’s competitive juices flowing, prizes were awarded to the top shooters. The top individual and combined team score were awarded a gift cards to Cabela’s. The top team prize went to an experienced group of sharp shooters that included Marty Pagliughi, Rich Russo, Pam Russo and Elbert Basolis. Marty Pagliughi also won the individual award for the highest score of the day. Gag gifts, such as rubber chickens, pop guns, and giant glasses, were also given to the highest score for first time shooters and the lowest scores of the day.

The Small Systems and Operators Committee would like to thank everyone who participated in the event and extend our congratulations to the winning team. We were fortunate that nice weather combined with great people to produce a great day. We are already looking forward to next year!

Max Huber is vice president at Agra Environmental & Laboratory Services and a co-chair of the Small Systems and Operators Committee.

Brian Dougherty is an associate with Hatch Mott MacDonald and co-chair of the Small Systems and Operators Committee.

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.njwwa.org.
Recognizing Commitment and Service
by Anthony Tomasello

During this year’s New Jersey Section Fall Conference, service plaques and pins were distributed to AWWA NJ members to commemorate their years of service. This year, a total 77 NJ Section members were acknowledged for various AWWA-membership anniversaries, starting at 25 years and celebrating every five-year milestone thereafter. Fourteen of the honorees were awarded the title of Life Member, those who have been a part of the organization for 30 years. Life Members received a decorative plaque from the Association and are honored with lifetime membership to AWWA.

Thank you to those that attended the awards ceremony during lunch of the Fall Conference, and special congratulations to those that were honored. Your service and commitment to the organization are certainly commendable.

Anthony Tomasello is a project engineer with Hatch Mott MacDonald and chair of the Recognition Committee.

### 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@AWWA NJ.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**: ______________________

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

### 2011 Fuller Award
by Anthony Tomasello

At the 2011 Annual Conference, Guido von Autenried, Director and Chief Engineer with Buck, Seifert, & Jost, Inc. (BS&J), was presented with the George Warren Fuller Award. The Fuller Award is conferred to a member each year for “distinguished service in the water supply field and in commemoration of the sound engineering skill, brilliant diplomatic talent, and the constructive leadership of persons in the Association which characterized the life of George Warren Fuller.”

With more than 60 years of service to the water and wastewater industry, Guido’s experience and technical accomplishments are just as significant as they are extensive. He has served hundreds of municipalities, states, districts, authorities, governmental agencies, and private corporations during his illustrious career. His contributions have been and continue to be progressive advancements to the water and wastewater field. Beyond his professional experience, Guido’s kind-hearted nature has earned him the highest admiration and reverence of his friends and colleagues.

When fellow staff members were asked to provide information about Guido, the following kind words were offered:

“Everyone at BS&J has benefited from working together with Guido. Our staff and many of our clients have recognize Guido as a unique, special person and civil engineer, combining broad personal and professional experience, strong technical skills and practical approach to solutions, care and ability to teach and mentor, and most important his endless patience.”

Special congratulations to Guido Von Autenried, recipient of this year’s Fuller Award.

Anthony Tomasello is a project engineer with Hatch Mott MacDonald and chair of the Recognition Committee.

### 60 YEARS
Francis J. Slaby

### 55 YEARS
Robert W. Kean
C. Robert Morris

### 50 YEARS – “Gold Members”
John V. Artale
John K. Brackmann
Joseph D. D’Annunzio
Robert G. Wieland

### 45 YEARS
Wendell R. Inhoffer
Garret P. Westerhoff
Louis R. Slaby
Alonso Gutierrez
George W. Johnstone
Robert J. Wasikowski
William G. Lehne
Gerald M. Hansler
Thomas J. Mulligan
Ivan Metzger

### 40 YEARS
Jon T. Chu
William S. Whitson

### 35 YEARS
Anthony J. Scillia
Donald L. Schlenger
John F. Ashenden
Paul F. Angert
Craig H. Lockhart
Richard M. Serafin
Robert C. Urban
Robert M. Beringer
William J. Ring
William H. Pearce
Joseph R. Jingoli
Richard A. Russo
Nicholas M. DelNichilo

### 30 YEARS – New “Life Members”
Roger S. Manners
Richard J. Fahey

James P. Scott
Frederick A. Schindler
Michael J. Roberti
Mauro M. Bacolo
Lowell A. Kachalsky
Cary J. Gaw
John D. Van Dorpe
John B. Manganaro
Kenneth R. Garrison
Joseph G. Stanley
Patrick H. Malone
William C. Becker

### 25 YEARS
Neil A. Goldfine
Jeffrey P. Caldwell
Timothy Z. O’Brien
Michael E. Restaino
Robert R. Schaefer
Paul V. Morrill
Joseph R. Keating
Roy L. Clark
Brian M. Dippolito
Herbert Spencer
Dennis M. Reardon
Michael J. Sferruzzo
Joseph P. Dugandzic
Edward J. Enright
Lawrence L. Blake
Garth C. Moyle
James J. Chelius
David M. Hughes
Mark A. Tompeck
Donald B. Lilley
Peter E. Koosik
Joseph B. Schweigart
Theodore J. Passon
Frank J. Moritz
Stephen M. Stanziello
Jeffrey M. Zdrojewski
Robert J. DiPalma
Kevin M. Brown
Paul R. Decosta
Charles F. Conyers
Frederick J. Mucci
**AWWA NJ Section and NJWEA Raise Over $17,500 for Water For People**

The Water For People Committees of AWWA NJ and NJWEA hosted the 6th Annual Turning Wine Into Water event on October 28, 2011 at Laurita Winery to raise money for Water For People. The evening was a tremendous success and $17,500 was raised for Water For People!

This year’s event was moved from the beloved SoHo on George in New Brunswick, which closed down in November of last year, to Laurita Winery in New Egypt. Despite concerns of the location and filling the large but beautiful space, Section members and guests came out in droves to support the event with a total of 180 attendees and 21 sponsors far exceeding our previous highest attendance record of 140 in 2010.

The Friday evening event involved a cocktail hour in the Tasting Room followed by a 4 course dinner with wine pairings in the Dining Room. Carol Storms of Aqua New Jersey, the AWWA NJ Section Chair, introduced the keynote speaker, Carmen Tierno, the Director of Customer Relations for New Jersey American Water and a Water For People Committee member. Carmen spoke about his eye-opening experience on a recent Water For People trip to Honduras and showed a video that summarizes Water For People’s philosophy (the “Everyone” video is available at www.waterforpeople.org for those who missed it or would like to share it with colleagues). The Water For People Committee won a spot on the Honduras trip by raising the most money and “friends” in the Crowdrise Challenge back in March/April 2011 thanks mainly to active and generous Section members. The spot did not include expenses; however, the Section provided a $500 scholarship towards trip expenses.

As the support from Section members increases every year, so does the quality of the silent auction items increase. This year we had 38 silent auction items donated, including items such as jewelry, artwork, autographed books, football and hockey tickets, a box at the Monmouth Park Racetrack, a weekend at a beach house, golf foursomes, electronics, and much more. A total of $4,700 was raised from the silent auction alone. To see all photos from this event, please visit www.waterforpeople.org/nj.

If you have any feedback or ideas that you would like to share regarding the Turning Wine Into Water event, please send to Erika Taylor at Erika.Taylor@amwater.com or Sandra Kutzing at kutzingsl@cdm.com.

Sandra Kutzing is a project manager at CDM and is the chair of the Water For People Committee.

**Enjoying appetizers, cocktails and browsing the silent auction items during the Turning Wine Into Water event.**

**Members getting in last minute bids before the close of the silent auction.**

**Section members and their guests from US Pipe and Armistead enjoying some food and wine.**

**Section members and their guests from United Water take a break and pose for a table picture.**

**Dave Scheibner, John Civardi, Steve Blankenship and Kevin Watsay at the Regional Meeting of Section Officers in New Brunswick, Canada.**
Landing at the top of the class, Teresa L. Peterson, P.E., C.M.E., LEED® Green Associate, completed the Fundamentals of Professional Practice course offered by ASFE/The Geoprofessional Business Association. A project manager based in Gannett Fleming’s South Plainfield, NJ, office, Peterson ranked first out of 65 individuals who finished the professional development course.

Working with a mentor, Peterson engaged in six months of study for the exam. The program was capped off with a two and a half day seminar. Jason McBride, P.E., M.ASCE, a project manager in the same firm’s Pittsburgh, PA, office, served as her mentor for the course.

The objective of this course is to develop engineers and other technical professionals who are professional in every sense of the word. ASFE works to maximize the geoprofessional’s importance and value to the marketplace.