Letter from the Chair
by Laura Cummings

Team AWWA NJ!
We truly have an incredible “Team AWWA NJ!” While I cannot comment on every activity being implemented by the members of our Board, our 24 committees and over 200 volunteers, I would like to emphasize the sincere dedication and commitment that they have to the water industry. There are many activities that are publicized, such as those in our recently published calendar of events, but there are so many other “behind the scene” activities that you may not be aware of that keep our Section moving forward. The calendar highlights educational, networking, social and fundraising events. Pay close attention to the registration fees for educational seminars for this coming year as we have reduced the fees considerably to make the seminars even more affordable during these tough economic times.

In the first edition of Pipeline in 2010, I described the initiatives that I had planned to achieve while serving as Chair of the Section. Following are highlights on the progress that our Section volunteers have made towards implementing these initiatives.

“Value of Active Membership in AWWA” Initiative
We have several very important initiatives that have been implemented during this year that continue to demonstrate the value of active membership to our members and employers. Our Section’s Water Utility Council formed three ad-hoc committees to review several regulatory topics in response to formal requests for comments issued by the Environmental Protection Agency (EPA). These three ad-hoc committees completed a review and provided comments to AWWA’s Government Affairs Office on EPA’s “Six Year Review of Drinking Water Standards” and the “Revised Total Coliform Rule (RTCR) and Guidance Manual.” AWWA will use this information as input for submittal to EPA. A third ad-hoc committee is working on reviewing EPA’s proposed strategy for regulating contaminants as groups, rather than the traditional regulatory strategy to regulate singular contaminants. This edition of Pipeline includes two featured articles that outline the progress of the ad-hoc committees. Members can utilize this information as a benefit to their utilities. We will utilize the efforts of these committees to plan timely Section educational events for years to come.

“Work for Water Campaign” and “Membership Discipline-Diversity” Initiatives

This edition of the Pipeline includes two featured articles on independent, but related, “Work for Water” initiatives. In addition, our Student Affairs Committee sponsored a student networking event at Kean University in an effort to outreach to students in the sciences, public health and business disciplines. Our Membership Committee put together a “Work for Water” softball team that participated in the recent American Society of Civil Engineers annual softball tournament. Our next scheduled event will be to exhibit at the League of Municipalities annual conference in Atlantic City where the focus will be to conduct outreach for water and wastewater related field careers.

Laura Cummings is the plant superintendent at Passaic Valley Water Commission and chair of the NJ Section.
"Section Vision" Initiative

The Board and committee planning event that took place in March 2010 helped to establish the themes for many of our educational seminars for this fiscal year. The Conference Committee was successful in planning the Fall Conference that focused on security related issues, including impending legislation, grants, water quality contamination and more. The event was a huge success where attendance was much higher than expected for both the seminar and golf outing. The Awards Program was also a part of the Fall Conference where the recipients of these awards are highlighted in this publication.

Many of our volunteers contribute beyond Section activities, where they are active at the national level for AWWA, involved in State level groups such as the Science Advisory Board and Drinking Water Quality Institute, involved in research associated with the Water Research Foundation (WaterRF), etc. These activities also contribute to establishing our Section initiatives. For example, as a Project Advisory Committee member for a WaterRF project entitled “Forecasting the Future: Progress, Change and Predictions for the Water Sector,” I participated in a two-day workshop to discuss future trends that will affect water utilities and strategies that utilities can use to manage impacts from the trends. Several white papers are being produced as part of this project, that focus on environmental, technological, economic/business and societal/political trends, to provide an outlook on what is to come over the next 15 to 20 years. The participants included representatives from the WaterRF, Executive Director Rob Renner and Project Manager Linda Reekie, members of the project team and utility executives from the United States, Germany and Sweden. The results of this project will be available in 2011. The WaterRF funds many projects that can be used to shape our vision for planning for the future, and these project reports can also be utilized as a resource for developing Section and utility specific initiatives. The WaterRF provides additional opportunities for volunteers such as serving on a project advisory committee.

The Conference Committee has also been busy planning for the annual conference scheduled for March 2011. The theme of the conference is “Strategic Framework for Shifting Forward.” The conference will open with an interactive panel session that focuses on “Effective Utility Management” based on a recently published collaborative report produced by EPA, AMWA, APWA, AWWA, NACWA, NAWC and WEF. The intent of this session is to aid our members in planning for current and future challenges of the 21st century. EPA’s recently released Clean Water and Drinking Water Infrastructure Sustainability Policy refers to the attributes of effectively managed utilities that will be highlighted as part of this opening session. The opening session will be offered free to public officials and will be similar in format to the successful “Rate Making” session held at a previous annual conference. The Section also co-sponsored a Utility Leadership Seminar organized through AWWA’s Utility Management Institute. The first seminar was scheduled in October and a second seminar is being planned for February 2011. Building leadership skills within our industry is key to successful succession planning for the future. We have also established a new integrated approach to networking at the Annual Conference with first time attendees, young professionals and retired professionals. At the 2011 Annual Conference we will host an interactive event with these three groups of professionals to demonstrate that everyone has something to contribute and to learn, regardless of experience level in the industry.

"Keep Up the Good Work!"

I have included a quote in the spirit of our volunteer contributions and encourage all of our members to get active in Team AWWA NJ!

I’ve learned that you shouldn’t go through life with a catcher’s mitt on both hands; you need to be able to throw something back.

– Maya Angelou

In closing, we wish all of our members, their family and friends a safe and joyful holiday season.

Laura Cummings is the plant superintendent at Passaic Valley Water Commission and chair of the NJ Section.

Treasurer’s Report

I am pleased to present to you a pie chart summary of the 2009 – 2010 income and expenditures for the Section. Income totaled $408,421 and expenditures totaled $402,826. The Section showed a profit of $5,595 for the fiscal year of July 1, 2009 to June 30, 2010. The total budget for 2010 - 2011 is $473,879.

David G. Ern
AWWA NJ Secretary/Treasurer

2009 – 2010 Annual Financial Summary
July 1, 2009 to June 30, 2010

INCOME

EXPENDITURES

<table>
<thead>
<tr>
<th>Category</th>
<th>Income</th>
<th>Expenditures</th>
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</thead>
<tbody>
<tr>
<td>Conferences, Seminars and Events</td>
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<td>41%</td>
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<tr>
<td>Administrative/ Miscellaneous</td>
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<td>27%</td>
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<td>27%</td>
<td>41%</td>
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<tr>
<td>Sponsorships</td>
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<td>Membership Fees</td>
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</tr>
<tr>
<td>Miscellaneous</td>
<td>4%</td>
<td></td>
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</tbody>
</table>

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– Maya Angelou

In closing, we wish all of our members, their family and friends a safe and joyful holiday season.

Laura Cummings is the plant superintendent at Passaic Valley Water Commission and chair of the NJ Section.
In May of this year, the NJ Department of Environmental Protection announced the formation of a new Science Advisory Board (SAB) and four Standing Committees that will supplement the work of the SAB. John Dyksen of United Water was appointed to the SAB, while Dr. Orren Schneider of American Water was appointed to the Water Quality & Quantity Committee. The other committees include the Ecological Processes Committee, the Public Health Committee, and the Climate & Atmospheric Sciences Committee. The Office of Science will be the liaison between the SAB and the Commissioner. Dr. Gary Buchanan of the Office of Science will assist the SAB.

The SAB met for the first time on September 8, and its scientists, educators and experts were immediately challenged with a 17-item priority list of key statewide environmental issues to consider. Commissioner Bob Martin personally greeted the 16-member board at its inaugural meeting in Trenton, thanking them for volunteering to help guide the Department on a host of complex environmental issues facing the state. He challenged the board to be an independent, non-political voice to ensure accurate science is the guiding principal in DEP decisions. The SAB will complement work already being done by a top group of dedicated DEP scientists, and provide peer review on scientific and technical matters, said Commissioner Martin.

The new SAB, chaired by Professor Judith Weis of Rutgers University, who is an expert on biological sciences, was presented with a host of initial topics, ranging from water quality, climate and atmosphere, ecological processes and environmental mitigation to soil remediation and public health. Draft issues that were presented to the SAB at the first meeting included:

- **Nutrient thresholds/criteria in fresh and coastal waters**
- **Impact to Ground Water Soil Remediation Standards**
- **Contaminants of emerging concern**
- **DEP’s cumulative risk model**

Some of the draft issues for consideration by the committees include:

- Ecological mitigation criteria
- Nitrate dilution methods
- Human biomonitoring
- Water quality continuous monitoring and modeling
- Climate change
- Green energy engineering systems

A list of the Science Advisory Board’s initial priority topics, plus a complete list of members of the SAB and its four standing committees, and their qualifications, are available at: [http://www.state.nj.us/dep/sab/](http://www.state.nj.us/dep/sab/).

John Dyksen is vice president of capital investment planning and delivery with United Water and is a member of the Research & Technology Transfer Committee.

Orren Schneider is a senior environmental engineer in Innovation and Environmental Stewardship at American Water and chair of the Research and Technical Transfer Committee.

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**AWWA NJ Competes in ASCE Softball Tourney**

Our fun-filled softball tournament took place on September 11 at Brookdale Park in Bloomfield and it was a success! As Team Captain, it was great seeing everyone get together and having fun. Not only was this an enjoyable networking event, but it provided the opportunity for team members to bring their co-workers, families, and friends together. The hard work, dedication, and enthusiasm displayed on the baseball field are those same qualities seen everyday in the work place! The gusto and zest put into the work we do everyday in the water industry was unquestionably transmitted onto the baseball field and into a superior team!

Our team wore “Work for Water” T-shirts and played three solid games during the tournament. Although our team did not win the tournament, all of the fun and excitement more than made up for the sore muscles that followed the next day (and longer)!

I would like to personally thank the players for their participation, team efforts, and making this an exciting event for everyone!

1. Laura Cummings Chair, AWWA NJ and PVWC
2. Wendy Simone, PVWC
3. Phil Roosa, PVWC
4. Andrew Saskowitz, PVWC
5. Celenia Fernandez, PVWC
6. Edgar Alica, PVWC
7. Christian Lucione, PVWC
8. Michael Johnson, BS&J
9. Teila Krahm, PVWC Co-op student
10. Cute Emily Simone who was our bat girl
11. And other non-member participants

Dalia Ghobrial is a senior chemist with Passaic Valley Water Commission and vice chair of the Membership Services Committee.
EPA’s New Approach to Protecting Drinking Water and Public Health by Keith W. Cartnick

On March 22, 2010, EPA Administrator Lisa P. Jackson announced that the agency was developing a broad new set of strategies to strengthen public health protection from contaminants in drinking water. The aim is to find solutions that meet the health and economic needs of communities across the country more effectively than the current approach. Specifically, this shift in drinking water strategy is organized around four key principles:

- Address contaminants as a group rather than one at a time so that enhancement of drinking water protection can be achieved cost-effectively.
- Foster development of new drinking water treatment technologies to address health risks posed by a broad array of contaminants.
- Use the authority of multiple statutes to help protect drinking water.
- Partner with states to share more complete data from monitoring at public water systems.

EPA’s current approach to drinking water protection is focused on a detailed assessment of each individual contaminant of concern and can take many years. This approach not only results in slow progress in addressing unregulated contaminants but also fails to take advantage of strategies for enhancing health protection cost-effectively, including advanced treatment technologies that address several contaminants at once. The outlined vision seeks to use existing authorities to achieve greater protection more quickly and cost-effectively.

The New Jersey Section, through the Water Utility Council, convened an ad-hoc committee to assess the rule’s impact on New Jersey’s drinking water community and provide comment to USEPA through AWWA National Government Affairs. This ad hoc committee consisted of sixteen members representing purveyors, consultants, and laboratories, and met July 26th and August 8th, 2010.

The principal of addressing contaminants as groups has taken center stage, and is proving to be a challenging exercise. Thoughts from the committee include the following:

- How will the toxicity of individual contaminants be considered (how will you set treatment goals)?
- Cost/risk/benefit analyses may be challenging, especially for small systems.
- Carbon footprint, energy and sustainability should be incorporated into the evaluation of groups.
- We talked about combined approaches, incorporating the SDWA, CWA, Source Water Protection and pharmaceuticals control.
- Can future regulations include control of contaminants at the source? Can we hold manufacturers and/or distributors of contaminants liable for sampling and treatment costs?

On September 21, 2010, EPA held a stakeholder meeting on the Drinking Water Strategy, focused on “contaminants as groups.” The agency provided an overview of progress to-date, with regards to development of the strategy, as well as a preliminary list of contaminant groups for regulatory considerations. Although, exact dates for next step activities were not clear, key milestones include:

1. Consultation with Science Advisory Board
2. Identification of a group or groups to pursue regulatory development (year end).
3. Stakeholder meeting on advancing drinking water technology development (before year end).

The efforts of the NJ AWWA/WUC ad hoc committee show a true commitment to improving drinking water and public health, and demonstrate a new dimension in stakeholder process participation.

For more information please contact Keith W. Cartnick at keith.cartnick@unitedwater.com or 201-599-6031, or visit http://water.epa.gov/lawsregs/rulesregs/sdwa/dwsstrategy/. Keith W. Cartnick is the senior director of water quality and compliance for United Water and a member of the Water Utility Council.

Proposed Revision to the Total Coliform Rule by Frank J. Marascia

The US Environmental Protection Agency has proposed revisions to the 1989 Total Coliform Rule to enhance public health protection against waterborne pathogens in the distribution systems of public water systems. The proposed rule, which was officially signed June 17, reflects improvements recommended by a federal advisory committee that included representatives from a broad range of stakeholder groups, including AWWA. It was published in the Federal Register on July 14 and the public comment period has been extended to October 13.

The New Jersey Section AWWA, through the Water Utility Council, convened an ad-hoc committee to assess the rule’s impact on New Jersey’s drinking water community and provide comment to USEPA through AWWA National Government Affairs. This ad hoc committee consisted of fifteen AWWA NJ members representing purveyors, consultants, and laboratories in New Jersey, and met July 21 and August 4. Fifty-nine specific requests for comment posed by USEPA were reviewed and commented. In addition, the ad hoc committee also met on October 1 to review and comment on the draft Proposed Revised Total Coliform Rule – Assessments and Corrective Actions Guidance Manual. A meeting has been scheduled for early October on behalf of the New Jersey Section AWWA with the NJDEP to present the ad hoc committee’s comments and recommendations for the implementation of the proposed Revised Total Coliform Rule.

The proposed rule establishes a health goal (Maximum Contaminant Level, or MCLG) and MCL for E. coli and eliminates the MCLG and MCL for total coliform, replacing it with a treatment technique for coliform that requires assessment and corrective action. Most of the ad hoc committee’s effort was focused on these assessments and corrective actions which will require purveyors to take a closer look at their distribution system in response to contamination events. This emphasis represents a change continued on page 8
Young students are learning more about careers in the water industry thanks to a program offered by Middlesex Water Company (MWC), a provider of water, wastewater and related services. Students in Grades 6-8 were invited to learn about the many different types of careers found in the water industry and to write an essay on which career path they found most interesting. Such careers include mechanics, licensed plant operators, accountants, utility personnel, customer service professionals and engineers, among others. The Company named the competition the “Faces Behind the Faucet” Contest to demonstrate the many but seldom considered professionals that are necessary in the delivery of water service, a critical life-sustaining need. The Company conducts numerous public outreach programs to encourage an awareness of the value of safe drinking water and the need to protect our environment.

James Smith, a 7th grade student from St. Joseph’s School in Carteret, NJ was one of the winners selected to spend a morning shadowing a Middlesex Water professional in his chosen career field. Winners also received a $50 Gift Card.

James began his day at Middlesex Water Company with a welcome orientation with Bernadette Sohler, VP-Corporate Affairs, they spoke about general MWC history, sources of water and James shared his love of building things. He then met Ladislao Monterrosa, MWC Staff Engineer, where he began his Jr. Engineer experience. Ladislao talked to James about the various roles in the department, tools such as Geographic Information Systems (GIS), and described a typical day in the field. Ladislao also discussed important courses of study, skills required, and explained the myriad of tasks involved in becoming an Engineer. Ladislao and Brian Carr, Sr. Project Engineer took James out in the field to do some street surveying for replacement of water lines. Then, Ladislao and James visited the Company’s Carl J. Olsen Surface Water Treatment Plant where Bill Maxwell, MWC Process Supervisor, provided James with an exclusive tour of the facility which provides water to over 400,000 Central New Jersey residents. James’ day concluded with receipt of his certificate of achievement.

“Students are very eager to learn about career opportunities at this age, particularly as they are growing more aware of their environment and starting to think more about their future and course of study,” said Bernadette Sohler, Vice President of Corporate Affairs. “This program is our way of generating interest in water careers, building pride in being an environmental steward and fostering awareness regarding degree and non degree opportunities that exist in the water and wastewater profession.”

Other students winners of the Faces behind the Faucet Contest included: Sanya Mehta, Avenel Middle School, Carteret, Jason Waye and Naomi Siegel, both from Marlboro Memorial Middle School.

For additional information about Middlesex Water Company, please visit the Company’s website at www.middlesexwater.com.
In August 2010, Water For People announced that the Bill and Melinda Gates Foundation donated a $5.6 million grant to support Sanitation as a Business Program. The grant represents a significant investment over four years in Water For People’s Sanitation as a Business work, testing possible sustainable sanitation services in Africa, Asia, and Latin America. The program will combine profit incentives for small local companies and income generation programs for poor households and schools, demonstrating a shift from unsustainable, subsidy-based sanitation programs toward sustainable, profitable sanitation services. By merging business principles of market research and segmentation with comprehensive community involvement and thorough evaluation of results, Water For People aims to create a truly scalable model, expanding affordable sanitation coverage in multiple locations worldwide. This grant allows Water For People to work in new ways to improve the conditions for others. You can read more about the grant and how it will be used in more detail by visiting www.waterforpeople.org.

New Jersey Water for People Summer 2010 Events Recap
by Michael Johnson

The AWWA NJ Water For People Committee held two events to raise money for Water For People in July 2010. On Friday, July 16, 2010, the Water For People Committee scored a home run and hosted the 2nd Annual Water For People Night at the Park at Trenton Thunder Stadium. Rain postponed this event twice in 2009 but not this time. Sponsors and attendees watched as the Trenton Thunder (affiliate of the New York Yankees) defeated the Reading Phillies (affiliate of the Philadelphia Phillies) by a score of 8-6. Ticket and 50-50 raffle sales helped to raise over $1,800 for Water For People during the event! Thank you to the event sponsors who supported this event – Campbell Foundry Co., Hazen & Sawyer, New Jersey American Water, CDM, Raritan Supply Company, Geiger, and US Pipe. Many thanks to the volunteers and attendees.

The second Water For People event was held on July 24, 2010, where runners, walkers and their fans gathered at the Monmouth Battlefield State Park for the 2nd Annual Run For Water 5k, ½ Mile Fun Run and Toddler Dash. Volunteers arrived early in the morning to help and some even slept in their cars waiting to get into the park. The festivities began with toddlers making a dash up the famous hill that was the site of the historical Battle of Monmouth and then runners of all ages ran the ½ Mile Fun Run and 5k race around the challenging course with inspirational music urging them on. Runners set personal records, learned more about Water For People, received awards and helped to raise some money. The event continues to be a success with the help of sponsors and attendees and over $1,100 was raised during the event. Thank you to the event sponsors who supported this event – Buck, Seifert & Jost, Inc., United Water Manalapan, Raritan Group, Klenzoid, Inc., US Pipe, Birdsall Engineering, Inc., IVES Environmental, CDM, and New Jersey American Water. Thanks also to all of the runners, and volunteers; without you the event would not be possible.

The Water For People Night at the Park and Run For Water events will return in the summer of 2011. We look forward to seeing everyone back again as well as some new faces. Stay tuned for dates.

Michael Johnson is an Associate at Buck, Seifert & Jost, Inc. and is the treasurer of the Water For People Committee.

Additional photos on page 7!
Fresh Ideas is a National AWWA initiative in which young professionals (35 and under) receive recognition and a cash award for presenting the best paper at the respective section’s Annual Conference. As the winner of the Fresh Ideas competition at the 2010 AWWA NJ Annual Conference, Michael Polito not only received a $300 award and an award plaque, he was also invited to and presented at ACE10 in Chicago as a complimentary registrant where he showcased his presentation in a poster session. In addition, new this year, Mike was reimbursed $1,200 from the AWWA NJ Section towards expenses for this trip.

At ACE10, Mike’s paper entitled “Building Information Modeling” was transformed into a full-color poster (see attached photo). The NJ Section was represented very well by Mike with an in-depth explanation of the project to interested water industry professionals from all over the world.

In short, BIM is a methodology that uses a set of tools such as three dimensional modeling and a dynamic database to recognize and evaluate project implementation. BIM has the ability to generate quantity takeoffs, generate cost estimates and provide a variety of analysis tools for building systems such as structural, HVAC and energy simulation.

If you want to be the next Mike Polito, please check “Yes” on the Fresh Ideas Box on the Abstract Form for next year’s Annual Conference. For more information on the Fresh Ideas Program, please contact Hetal Mistry at 201-634-4242 or Hetal.Mistry@UnitedWater.com. Hetal Mistry is a senior project engineer with United Water and chair of the Membership Services Committee.

NJ Fresh Ideas Awardee Presents at ACE10!
By Hetal Mistry

Mike Polito presents his paper at ACE10.

Photo Gallery: Water for People 2010 Events

Run For Water 5K to benefit Water For People on July 24, 2010.

New Jersey American Water at the Turning Wine into Water Event, where over $15,500 was raised for Water For People!

Local Leaks

Nicole Wiley, a senior planning engineer for American Water, became a committee member of the AWWA Membership Committee in June.

Kiran Gill, president of PARS Environmental Inc., in the Robbinsville section of Washington Township, has been named 2010 New Jersey Minority Small Business Person of the Year by the U.S. Small Business Administration, the agency announced.

PARS is an environmental consulting firm provides services to the Environmental Protection Agency and other clients. Gill said her company performs environmental site cleanup and develops environmental technologies. “We’ve grown from a five-person company to a 50-person company,” she said, with revenue growing from $500,000 to $6.5 million.

Got a leak? Submit news about AWWA NJ members’ professional and personal milestones for publication in Pipeline. See page 12 for editor contact information.
Photos from the Fall Meeting

Section manager Mona Cavalcioni and the picturesque Galloping Hill Golf Course in Kenilworth, NJ.

Anthony Tomasello (L) and Joe Stanley (R) at the awards luncheon.

Carol Storms addresses students about the water industry.

Proposed Revision to the Total Coliform Rule (continued from page 4)

in focus from treatment to the distribution system in so far as maintaining water quality and will be the topic of future AWWA research. This is evidenced by the Water Research Foundation's Distribution System Water Quality Strategic Initiative which will commit up to $1 million in funding per year, which is expected to be substantially leveraged with partner co-funding and researcher-in-kind contributions.

The efforts of this ad hoc committee exemplify participation in the stakeholder process by the New Jersey drinking water community and their unified commitment to the protection of public health. It is hoped that the formation of this ad hoc committee, as well as the EPA Contaminant Grouping ad hoc committee, will set the stage for future ad hoc committees and stakeholder participation by AWWA NJ. If you have an idea for an ad hoc committee to address an issue concerning the drinking water community please contact Laura Cummings at lcummings@pvwc.com.

For information and/or for a copy of the proposed Revised Total Coliform Rule Ad Hoc Committee comments please go to http://www.njawwa.org/legislative.htm. Also, anyone seeking to submit their own RTCR comments must do so by the October 13 deadline and follow the procedures specified in the summary section of the proposal as published in the Federal Register notice (75 FR 40926) at water.epa.gov/lawsregs/rulesregs/sdwa/tcr/regulation.cfm#tcr1989.

For information on the draft RTCR Guidance Manual go to: http://water.epa.gov/lawsregs/rulesregs/sdwa/tcr/upload/Proposed_RTCR_Draft_ACA_GM_Aug2010-FINAL_CTR_DRAFT.pdf. Also, anyone wishing to submit their own guidance manual comments may send them to prtr_acaguide@epa.gov and must do so by the November 30 deadline.

Frank J. Marascia is a water quality and regulatory specialist with the Southeast Morris County M.U.A. and is a member of the Research & Technology Transfer Committee.
Leadership from a Retired Perspective
by Harry Gerken

The Retired Professionals Committee meets several times a year to discuss, among other things, who might be asked to provide a videotaped history of his/her career that would be posted on the Section’s website. Many of the names discussed are just that – names usually listed in the annual meeting program of past AWWA NJ officers and directors. Several Committee members recall most of these early great leaders but the younger ex-officio participants have little or no idea what some of these now deceased offered to section members and to the section itself.

One common thread thus far is service as a past section chair or officer. Some have served as international directors as well. Giving back to other water professionals by serving on committees and perhaps working as a Trustee and eventually section chairman unites most of those honored thus far. Individuals who are willing to give up time to help the section will also help colleagues. To a new person in the water profession, sometimes the only contacts we have with others in the field are those we’ve met at section meetings and conferences. This is especially true if smaller systems need guidance.

Another interesting characteristic of those being considered for the videotaping is that they are from all classes of the section. There are private system, public system, consultants, regulators, vendors, etc. The one thing in common is a commitment to improving the quantity and quality of New Jersey’s public water supply. Clearly, in the first few decades of the section’s history, the large investor owned private utilities dominated but by the 1970’s, public systems and consultants began to take a larger leadership role. In the early 1980’s the passage of the massive Water Supply Bond Act fueled many public water supply projects with more and more consulting engineers becoming section leaders. It was also during this period of time that the annual conference became increasingly important to vendors who needed to alert section members to innovative technology.

It is also interesting to note that New Jersey passed its own Safe Drinking Water Act in the mid 1970’s just a few years after the Federal Government enacted the first national standards. Most of the retired professionals who serve on the committee began working in the water industry during the 1970’s or early 1980’s and have seen standards imposed on drinking water that were impossible to measure when careers began. Instead of Facebook and computer networking, water professionals used social networking at conferences to learn and ask questions. The people answering those questions were usually the section leaders of the time.

One obvious deficiency in the early section leadership is obvious to anyone who reads the names of past section chairs. There are no female officers. With very few and isolated examples, there were almost no women in leadership roles in the water industry in New Jersey and certainly none in AWWA NJ’s leadership roles. That has changed dramatically today but 30 or 40 years ago water was a man’s world. While there is no justification for this, the water industry was reflective of most of the nation as women began to ask why not and change gradually came.

And what does all this mean to today’s AWWA NJ professional? It would be incorrect to suggest that the only way to success is through the section committee and trustee roles. People in the water industry 30 and 40 years ago did not have the technology that exists today. A phone call to someone you met at a section meeting was about as advanced as communication could take us. Today’s water professional is involved in so many activities both professional and socially that leadership is taking on a much larger role. Charitable, civic, religious and other organizations compete with AWWA NJ for our time and interests. Perhaps we will redefine success a balance of many activities including professional organizations over the next 20 or 30 years.

Having said all this it should be obvious that the Retired Professional Committee was privileged to work with some of the water industry’s giants. These individuals were the yesterday’s mentors and their reflections as detailed on the videotapes should be a lesson for everyone on leadership in action. Take a few minutes from your busy day to view them. Someday, you might be one of them.

Harry Gerken is a member of the Retired Professionals Committee.

Electronic Version of Pipeline Is Coming!

As part of the Section’s continuing effort to seek ways to be “green,” we are working toward providing an option of receiving Pipeline electronically rather than by mail. In order to get ready for this effort we ask that all Section members take a few minutes to check your membership information to make sure that we have your email address and if we do, that it is correct. Currently, this may be checked either by visiting www.awwa.org, where you can create a free account and review and update your AWWA member information, or by contacting Section Manager Mona Cavalcoli at (866) 436-1120 or mona@njawwa.org.

Stay tuned for more details in the coming months!
CDM Selected as Young Professional Employer Support Awardee!

by Elizabeth Yanosey

Camp Dresser & McKee Inc. (CDM) was awarded the 9th Annual Acknowledgement of Employer Support Award at the AWWA NJ Fall Meeting at Kean University on September 23, 2010. This marks the third time that CDM has won the award. The other nominees were the Atlantic City Municipal Utilities Authority and Buck, Seifert & Jost, Inc.

CDM was selected by the Membership Services Committee for their encouragement and support in the growth of young professionals (YP) in the water industry. Examples of this support include courses and workshops provided through CDM University, as well as tuition reimbursement for advanced degrees to be obtained outside of CDM in subjects relating to their professional advancement. CDM also holds office forums and lunchtime technical seminars where employees are encouraged to make presentations on their projects and volunteer opportunities, often in preparation for presentations at industry conferences; CDM also encourages the publishing of technical articles and papers by providing awards to YP’s and other employees. CDM supports young professionals in their involvement with professional organizations by taking on costs of dues, sponsoring events, and encouraging committee memberships. Other examples of CDM’s support of YP’s are their Engineers Without Borders (EWB) program which includes mentoring of student EWB chapters, an internal program known as “Connecting with CDM” where YP’s are matched with a more senior CDM guide, and CDM’s Emerging and Advanced Leadership Program that annually selects a group of emerging and advanced leaders for distinct training.

Being selected as the awardee is a great honor for CDM. It is the hope that the recognition the awardee receives by the AWWA NJ will encourage others to provide the same, if not more, support to their YPs. The future of the AWWA NJ depends on it!

Elizabeth Yanosey is an environmental engineer with CDM and member of the Membership Services Committee.

Monthly Math Jams – Taking Advantage of the Resources Around You

by Roy Woodson

The Monthly Math Jams Idea was based on the AWWA Opflow Magazine Certification Corner quizzes and the Operator Certification Study Guide. While attempting one day to answer a practice question that was difficult for me, I e-mailed that same math question to various offices around my water treatment plant from the engineering department, lab, management, and to the distribution department. By doing so, people’s interests were sparked.

From this one question we had already unknowingly created a study group. The next step was to try to bring this group together once a month to answer these math and operational questions. The response from my co-workers and management was overwhelmingly supportive, and positive. My co-workers have taken the lead in trying to assist in helping each other prepare for our next certification exam.

This group’s viability is based on a volunteer purpose – no one is being paid to attend. Professionals on all levels attend these sessions, and having someone attend that has already achieved their highest license classification or doctorate degree is a plus to the group. Knowing that they are there to share what they have learned gives the group the challenge that’s needed to pass the DEP State Licensing Exam.

Math Jams are more than just math; and we are currently seeking discussions on regulatory compliance, groundwater, distribution, coagulation & flocculation, the Safe Drinking Water Act and a host of other topics.

Roy Woodson is a senior water treatment plant operator at the Passaic Valley Water Commission.
Drinking Water Operator Training Reimbursement Fact Sheet

New Jersey Department of Environmental Protection: Bureau of Safe Drinking Water

N.J.A.C. 7:10A, Licensing of Water Supply and Wastewater Treatment System Operators, requires the completion of NJDEP training courses to become certified for water treatment (T) and/or water distribution (W). NJDEP will now reimburse individuals for training expenses, as follows:

- For expenses incurred on or after September 1, 2002 only
- For NJDEP-approved courses that qualify individuals to take a New Jersey T and/or W exam (for sessions starting on or after September 1, 2002 only)
- For drinking water-related textbooks required for completion of the above courses
- This USEPA-funded program limits eligible expenses to T or W certification training only. Individuals seeking a wastewater license only are not eligible for reimbursement under this program.

ELIGIBLE FOR REIMBURSEMENT:

Tuition:
- Introduction to Water & Wastewater Operations
- Advanced Water Operations

Textbooks:
- Water Treatment Plant Operation – Volume I
- Water Treatment Plant Operation – Volume II
- Water Distribution System Operation & Maintenance
- Utility Management

TO REQUEST REIMBURSEMENT, YOU NEED TO SUBMIT:

- A copy of the course completion certificate(s).
- All receipts of incurred expenses for which reimbursement is sought.
- A copy of the Notice to Appear letter for entry to a New Jersey T-1 or W-1 exam (for the Intro course only)
- Request for Reimbursement of Drinking Water Operator Certification Training Expenses (Form No. BSDW-OC-01)

- State of New Jersey Payment Voucher (Vendor Invoice) form (Complete Sections D and F only)
- State of New Jersey W-9 questionnaire form (Complete Name/Address portion and lines 4 and 6 of Part I only)

SUBMIT TO:

N.J. Department of Environmental Protection
Bureau of Safe Drinking Water
Attn: Joseph duRocher
P.O. Box 426
Trenton, New Jersey 08625-0426

Incomplete requests will be returned without review.

If you have any questions about this program, please contact:
Joseph duRocher
Bureau of Safe Drinking Water
Phone: (609) 292-5550
Email: joseph.durocher@dep.state.nj.us

AWAA NJ is on FACEBOOK!

First time shooter Tim Fortner hits the mark.
Ron’s Fall Meeting Breakdown
by Ronald von Autenried

The 2010 Fall Meeting was a great success at Kean University in Union, NJ and Golf Outing at nearby Galloping Hills Golf Course in Kenilworth, NJ. There was a full house for presentations on water security, emergency management, emergency interconnections, contaminant warning systems and SCADA security. The day wrapped up with a student session and pizza party encouraging Kean University students to “Work for Water” in keeping with the AWWA program so named. We had a great turn out and good weather for the technical sessions, awards presentations, student pizza party, the golf outing and reception.

Highlights of the meeting included case studies on American Water’s security practices and Ridgewood’s experiences this summer managing their water supply via interconnections with neighboring utilities. David Brauner, a former Deputy Director with FEMA, provided an insider’s perspective about what happens during an emergency declaration and how best to recover funds for utilities and municipalities. Awards were presented to members recognizing years of service in the AWWA NJ Section. The Employer Support Award for 2010 was presented to CDM and accepted by Mr. Gary Kroll.

“Work for Water” presentations were made by AWWA NJ Section water professionals from several perspectives emphasizing the water and wastewater field encompasses many skills and professions. Students asked informed questions and expressed interest in learning more about internships, cooperative education, and career opportunities.

The golf outing was followed by a reception enjoyed by the golfers. Several corporate donations and the NJ Section supported the prizes awarded that evening.

Ron von Autenried is president of Buck, Seifert & Jost, Inc. and chair of the Technical Program Committee.

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