Register Now for the Historic Great Lakes Summit in Erie!

October 16–18, 2012

Schedule and Registration form on Pages 8&9

64th Annual Conference Highlights on Pages 10-17
Lehigh alumnus wins award for doctoral dissertation

Dr. Elizabeth Ann Wolyniak DiCesare, a former student at Lehigh University, was recently selected as the second place recipient of AWWA’s 2012 Academic Achievement Award for Doctoral Dissertation.

Her dissertation is entitled “Impact of biofilm and other environmental factors on the fate and transport of Cryptosporidium oocysts.”

Below is a description of the Abstract:

Cryptosporidium spp. (waterborne protozoan parasites) cause human gastrointestinal disease. With no cure for this infection, pathogen control is important to protect public health. Understanding the interactive effects of environmental factors, specifically dissolved organic carbon (DOC) and biofilms, on oocyst fate and transport will aid in understanding Cryptosporidium ecology and identifying favorable environmental conditions for infectious oocysts. This knowledge will be particularly helpful for detecting oocysts in drinking water supplies and determining appropriate treatment strategies for those water supplies.

In contrast to DOC, biofilms are ubiquitous and function similarly across sites. Environmental biofilms were collected seasonally from three stream sites and grown in laboratory microcosms. Oocysts quickly attached to biofilm surfaces. Following oocyst dosing, the number of oocysts retained by the biofilm decreased to a steady state within five days and remained attached to the biofilm for 25 days. Oocyst retention varied with each collection season, but was consistent across sites within each season. Oocyst retention was not correlated with water quality; however, retention was correlated with biofilm surface roughness. The biofilm retained a limited number of oocysts as a result of biofilm roughness. Biofilms are often overlooked, but have proven to be an important component of oocyst transport.

Biofilms were shown to have an important impact on the transport of oocysts; however, the infectivity of these biofilm-associated oocysts remained unknown. The ability of a biofilm to protect oocysts from solar radiation was tested. Oocyst infectivity was reduced following solar exposure, but oocysts attached 30 μm below the biofilm surface received some protection, as

Doctoral Dissertation continued on page 18
CLASSIFIEDS:

Get results with a classified ad

Do you have a job opening, looking for some used equipment, or in need of special services? Are you a vendor looking to advertise a new product, a special offer or a company expansion? Use this space to run a classified ad and reach approximately 2,500 water professionals including water utility personnel, engineers, water industry vendors and others associated with the industry. The cost is only $75 and it’s sure to bring results.

If you are interested in advertising in The Water News Source, please contact Mike Snyder at 717-774-8870 or at mikesnyder@paawwa.org for more information.

The Water News Source – Vol. 48 No. 2 – Summer 2012

The Water News Source is published quarterly by the Pennsylvania Section of the American Water Works Association. The purpose of this publication is to inform members, local and state officials, and elected representatives about water supply issues in Pennsylvania. The ideas, opinions, concepts, procedures, etc. expressed in this publication are those of individual authors and not necessarily those of the PA-AWWA Section, its officers, general membership, or the editor. The Section maintains the right to edit all articles for clarity and space. Individuals or organizations are encouraged to submit suggestions, ideas, articles, and items for the calendar of events. Please submit as a text file or MS Word file and email to mikesnyder@paawwa.org.

Deadline to submit articles for the next newsletter is August 31, 2012.
PA-AWWA: Serving the needs of the water industry

As I started writing this column, the first as your Section Chair, I reflected back through my career of almost 30 years in the water industry and quickly realized just how lucky I am to be involved in such a great organization. AWWA has allowed me to grow as a person both professionally and personally. I would not be where I am today, if it was not for the networking opportunities made available through the PA Section. I have been preceded as Chair by a number of people who more than likely felt the same way and we have them to thank for their leadership in paving the way for where we are today. It is an honor and a privilege to serve as the Chair of PA-AWWA and I know the network of people that encouraged and guided me through this journey will be there when and if they are needed.

Lots of thanks to go around

I owe a lot of thanks to the very people that I referenced above, and then some. To the past leaders, Curt Fontaine, Steve Riley, Max Gill, Bob Zulick, Russ Williams, Gene Koontz, Mark Nicely, Jeff Hines, Debbie Lippert, Aurel Arndt, Bill Kelvington and Brian Funkhouser, your guidance and encouragement has been invaluable and much appreciated. Don Hershey, Patty Chila, Nancy Dinger and Mike Snyder comprise the Section staff and are the backbone of this organization. I cannot thank them enough for all they do. Last year, as the Chair Elect, I was in charge of the Conference Committee, which included Liesel Adam, Pete Lusardi, Jeff Golding, Charlie Liu, George Hart, Sharon Delsignore, Steve Riley, Mark Strahota and Tom Kiely. I could not have done it without you all. Special thanks to Dave Pyrz, who did double duty as the MAC Chair and organized the Exhibit Hall and Golf Outing and to Mike Brown, who once again handled all of the local arrangements for the conference and that was huge. Lastly I would like to thank my employer, Buchart Horn, Inc. as they have provided the encouragement and support to allow me to fulfill a leadership role in the association.

64th Annual Conference wrap-Up

The Annual Conference and Expo is the largest event of the year for the section and it generates the lion’s share of the revenue for the Section to provide services to you, the membership, throughout the year. The final financial numbers for the conference were not available as of this publication, but a preliminary review indicates the overall event was a success. By other measures, the conference was a success as more than 400 operators and engineers were in attendance. More than 30 technical papers were presented and the training sessions were all well attended. Thank you to all that attended and to the vendors for their continued support. I sincerely hope all of you will join

Chair’s Message continued on Page 18
Upcoming Conferences
REGISTER NOW!

2012 Great Lakes Summit at the beautiful Erie Bayfront Convention Center
October 16-18, 2012

Co-Sponsors and AWWA Sections include:
Illinois, Indiana, Michigan, Minnesota, New York, Ohio, Ontario, Pennsylvania, Quebec and Wisconsin.

Gold Sponsor:
Erie Water Works
Fluid Engineering

Bronze Sponsor:
The Sherwin-Williams Company
W.C. Weil Company

Go to www.paawwa.org for more information

DID YOU KNOW? CITY OF LEBANON AUTHORITY

Water System History

The history of the City’s water system dates back to 1872, when water was first piped to the City of Lebanon from the newly constructed Rexmont Supply Dams. At that time, raw water, untreated and unfiltered, was served to the residents.

The present day system utilizes surface water supplied by two sources. One is a 1.2 billion gallon impound reservoir, Siegrist Dam, located in Schuylkill County, fourteen miles to the north of the plant. The other source is the Swatara Creek, a narrow river that flows through Lebanon County, with our intake located three miles to the west of the plant. We have the flexibility of using either source independently or combined.

Our treatment facility, a 10 million gallon a day Water Plant, went into operation in 1972.

Compliments of Lebanon Water Authority website.

125 Fans and Growing! PA-AWWA is on Facebook

Go to: http://www.facebook.com/pages/Pennsylvania-Section-American-Water-Works-Association-PA-AWWA/167457986786 ... Become a Fan!

Great Lakes Summit • Annual Conference a success • Special operator membership promotion in 2012...

64th Annual conference draws over 400 attendees

The 64th Annual Conference held at the Lancaster Marriott drew over 400 attendees. Highlights included: Teddy Roosevelt’s inspiring keynote speech; the DEP update given by Secretary Michael Krancer; and a memorable visit by Jerry Stevens, AWWA President.

We thank all of our volunteers that helped make it a success: The committee members were: Liesel Adam, Dave Pyrz, Tom Kiely, Pete Lusardi, Jeff Golding, Charlie Liu, Mike Brown, Steve Riley, Sharon Delsgnre, George Hart and Mark Strahota. Staff members are Patty Chila, Nancy Dinger and Mike Snyder. Special thanks to: Tim Trout, Gary Burlingame, Mike Snyder and the Security Committee, John Yamona and the Water Resources Committee for providing operator training.

PA-AWWA Operator 2012 membership promotion...Join now for just $50!

Whether you are studying for your certification exam, looking to meet your CEU requirements, or are new to the water field, AWWA membership is one tool you shouldn’t be without! Join now, at a special rate of $50. You can sign up at www.awwa.org/join. Include promotional code PAOP on your membership form or online application.

For $4.17 a month, AWWA will provide you with a local community of fellow members, information and resources important to your job, training and CEU opportunities, and career information. AWWA membership gives Water Operators tools for success—join today!

We know that certification is essential to your career. With an Operator membership, you have the tools to earn your certification or reach the next level in your career. Our training resources include the Opflow, one of AWWA’s premier monthly member magazines. It is written by operators for operators and it’s the most popular and powerful resource in the industry. Join now for just $50 at www.awwa.org/join. Include promotional code PAOP on your membership form or online application.

AWWA helps Water Operators Earn CEUs

We know water operators need CEUs. AWWA’s eLearning has more than 45 self-paced courses with topics including water operations, distribution, security, environmental compliance, occupational safety, and human resources. ELearning courses allow you to earn your CEUs conveniently and at your own pace. Join now for just $50 for access to discounted educational opportunities. Visit www.awwa.org/join. Include promotional code PAOP on your membership form or online application.
The Pennsylvania Public Utility Code. Although exceedingly acquisition of a troubled wastewater system under Section 529 On May 25, 2012, the Pennsylvania Public Utility Commission (Commission) made history when it ordered the acquisition of a failed wastewater system in the domain of the Clean Treatment Sewage Company (CTSC). CTSC had been struggling for some time and, as the Commission concluded in a related proceeding, the company had allowed repeated and ongoing sewage overflows from manholes and sludge tanks. The company had filed for a 72.7 percent increase in annual wastewater rates in June 2009, which was rejected by the Commission in April 2010. In September 2011, CTSC notified both the Commission and the Department of Environmental Protection (DEP) that it did not have funds to continue providing service after December 31, 2011. The two companies being considered as potential acquiring utilities were Pennsylvania-American Water Company (PAWC) and Aqua Pennsylvania Inc. Status conferences in the matter were held in October and November 2011, with an evidentiary hearing on November 15.

In large part, the parties had stipulated to the findings required by Section 529(a). However, the parties disagreed as to whether the Commission could satisfy the final prerequisite to ordering an acquisition. Specifically, the parties had not been able to agree on a purchase price. As a result, there was a dispute as to whether, without knowing the price of the acquisition, the Commission could make the necessary determination that the acquisition would not unreasonably affect the rates of the acquiring utility’s pre-acquisition customers.

Deciding that it could not toll the issue of potential rate impact until after the acquisition had been completed, the Commission determined that the Section 529(a) prerequisites had been satisfied. Because the parties could not agree on the acquisition price, the Commission subsequently ordered PAWC pursuant to Section 529(e) to acquire CTSC through eminent domain. However, PAWC must first provide within 60 days of the order a plan for bringing the CTSC system into compliance with applicable statutory and regulatory standards, which must be approved by the Commission.

Even though the ultimate purchase price may not be known for many years, the Commission noted that several options...
Steve Tagert named President of Aqua Pennsylvania

Steve Tagert, a veteran operations officer, was recently appointed President of Aqua Pennsylvania, Aqua’s largest operating subsidiary. Tagert has served as Pennsylvania’s acting president following the restructuring of senior management in late 2011.

As president, Tagert is responsible for overall operations including distribution, production, water treatment and quality, water resources, maintenance and construction. More than 600 employees provide water and wastewater service to 1.4 million people in 30 counties throughout Pennsylvania.

“We have a rich tradition of promoting from within the company and are proud to have a veteran like Steve available to serve as president of the company to which he has contributed so much,” said Executive Vice President and Chief Operating Officer, Regulated Operations Chris Franklin. “Throughout his tenure at Aqua, Steve has earned the respect of those with whom he has worked, which includes his peers as well as those who he has managed or supervised over the years.”

Chairman and CEO Nicholas DeBenedictis echoed those sentiments. “Tagert’s years of experience at the company will prove invaluable as he leads the company where he gained so much experience,” DeBenedictis said. “I don’t think there’s a job he hasn’t done or a crisis he hasn’t managed. This, coupled with the professional relationships he has developed throughout his tenure, has prepared him for his new role as president of Pennsylvania.”

Tagert joined Aqua Pennsylvania in 1971 as a meter reader. He was promoted to various positions in the network (distribution), and maintenance and construction departments. In 2005, he was named vice president, production, where he had overall responsibility for the company’s surface and groundwater treatment facilities. Two years later he was named vice president, network, responsible for the company’s 5,000 miles of water mains—a position he’s held since June 2007. Tagert earned his bachelor’s degree in construction management from Drexel University.

PA Water Law Continued from page 6

existed that could mitigate the impact on ratepayers. Chairman Robert F. Powelson issued a separate statement to emphasize that the recently enacted Act 11 provided two rate recovery mechanisms that might be used to mitigate the impact to customers. In particular, Act 11 would allow PAWC to petition the Commission to allocate the costs of acquisition among a combined base of water and sewer customers. In addition, Chairman Powelson noted that the Distribution System Improvement Charge mechanism may also help to mitigate the costs of needed system upgrades.

At a minimum, this groundbreaking order demonstrates the present Commission’s willingness to socialize the costs of failing small utilities. By allowing limited cross-subsidization between water and wastewater customers, the enactment of Act 11 certainly makes the decision to order an acquisition easier for the Commission, if not more palatable for the regulated community. It remains to be seen whether the parties to the CTSC matter can ultimately negotiate an acquisition price, or if PAWC will have to resort to using eminent domain. Eminent domain proceedings, if contested, can be protracted and expensive, and as an issue of first impression, it is unknown how much of the associated costs the Commission would allow an acquiring public utility to recover in a subsequent rate case.

Regular self audits aid compliance and mitigate regulatory risk

Water purveyors should be mindful of the importance of adopting and implementing a proper self-auditing program to ensure full compliance with environmental and other laws applicable to their operations. Such programs have a number of benefits. Not only do they enhance environmental protection and help ensure proper compliance, but they also provide a measure of protection against regulatory liability. Both the U.S. Environmental Protection Agency (EPA) and the Pennsylvania Department of Environmental Protection have policies in place that provide for reduced penalties for certain violations that are discovered in the course of a routine audit program and self-reported to the authorities.

Any auditing programs should include proper training for employees on company audit policies, regular internal inspections of all regulatory compliance requirements by a designated audit committee, and a review of audit findings by legal counsel. In this way, water purveyors can be assured that compliance issues are being vetted and flagged for corrective action on a regular basis.

Take for example, the recent case of the town of Culpepper, Virginia, which has agreed to pay $27,420 in fines and to make more than $100,000 in upgrades at its water treatment facility to settle environmental violations alleged by EPA. In addition to failing to properly report releases of chlorine, EPA also alleged that the town failed to develop a management system to oversee a risk management program, failed to implement safe work practices to maintain equipment, and failed to conduct compliance audits. All of these issues could have been identified and/or addressed in a timely manner through a properly designed and carefully implemented self-audit program.
### TECHNICAL PRESENTATIONS TRACK 1 • WEDNESDAY, OCTOBER 17, 2012

<table>
<thead>
<tr>
<th>TIME</th>
<th>TITLE OF PRESENTATION</th>
<th>SPEAKER</th>
<th>ORGANIZATION</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15 am</td>
<td>Opening Remarks and Welcome</td>
<td>Don Hershey and Paul Vojtek</td>
<td>PAAWWA and Erie Water Works</td>
<td>15 minutes</td>
</tr>
<tr>
<td>8:30 am</td>
<td>Keynote Speaker</td>
<td>Bob Winters</td>
<td>Department of Homeland Security</td>
<td>60 minutes</td>
</tr>
<tr>
<td>9:30 am</td>
<td>Break - Visit Exhibitors</td>
<td></td>
<td></td>
<td>15 minutes</td>
</tr>
<tr>
<td>9:45 am</td>
<td>Waukesha’s Exception Request to Utilize Great Lakes Water in a Straddling County</td>
<td>Dan S. Duchniak</td>
<td>Waukesha Water Utility</td>
<td>30 minutes</td>
</tr>
<tr>
<td>10:15 am</td>
<td>Smart Water For Smart Regions</td>
<td>Hal Spraque</td>
<td>Center for Neighborhood Technology</td>
<td>30 minutes</td>
</tr>
<tr>
<td>10:45 am</td>
<td>Which Conservation Measure Will Work Best For You</td>
<td>Carrie Lee</td>
<td>Herndon Solutions Group</td>
<td>30 minutes</td>
</tr>
<tr>
<td>11:15 am</td>
<td>Coating Systems in the Revised AWWA D102 Standard to Extend Service Life of Water Storage Tanks</td>
<td>Tony Ippoliti</td>
<td>Sherwin Williams Company</td>
<td>30 minutes</td>
</tr>
<tr>
<td>11:45 am</td>
<td>Lunch - Visit Exhibitors</td>
<td></td>
<td></td>
<td>60 minutes</td>
</tr>
<tr>
<td>1:00 pm</td>
<td>Water, Biofuels, and Alternative Energy: Implications for Michigan and the Great Lakes Region</td>
<td>Steve E. Williams</td>
<td>Williams &amp; Works, Inc.</td>
<td>30 minutes</td>
</tr>
<tr>
<td>1:30 pm</td>
<td>The Future of Water</td>
<td>A J Casini</td>
<td>Sensus USA</td>
<td>30 minutes</td>
</tr>
<tr>
<td>2:00 pm</td>
<td>Break - Visit Exhibitors</td>
<td></td>
<td></td>
<td>15 minutes</td>
</tr>
<tr>
<td>2:30 pm</td>
<td>Modernization of a Historic Water Treatment Plant on Lake Erie</td>
<td>Ed St. John &amp; Mark White</td>
<td>CDM Smith</td>
<td>30 minutes</td>
</tr>
<tr>
<td>3:00 pm</td>
<td>Tour of Wasielewski Membrane treatment plant</td>
<td></td>
<td></td>
<td>120 minutes</td>
</tr>
</tbody>
</table>

### TECHNICAL PRESENTATIONS TRACK 2 • THURSDAY, OCTOBER 18, 2012

<table>
<thead>
<tr>
<th>TIME</th>
<th>TITLE OF PRESENTATION</th>
<th>SPEAKER</th>
<th>ORGANIZATION</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 am</td>
<td>Pilot Testing of High Rate Dissolved Air Floatation At Shenango Water Treatment Plant</td>
<td>John Civardi</td>
<td>Hatch Mott McDonald</td>
<td>30 minutes</td>
</tr>
<tr>
<td>9:00 am</td>
<td>CFD Modeling Results in a Baffling Increase in Reservoir Capacity</td>
<td>Joseph G. Stanley, PE</td>
<td>Hatch Mott McDonald</td>
<td>30 minutes</td>
</tr>
<tr>
<td>9:30 am</td>
<td>Improvements to the AWWA Standards &amp; Manual for Concrete Pressure Pipe</td>
<td>Richard E. Deremiah, PE</td>
<td>Hanson Pressure Pipe</td>
<td>30 minutes</td>
</tr>
<tr>
<td>10:00 am</td>
<td>Break - Visit Exhibitors</td>
<td></td>
<td></td>
<td>15 minutes</td>
</tr>
<tr>
<td>10:15 am</td>
<td>Development of Polypropylene (PP-R) Piping for the North American Water Industry</td>
<td>James Paschal</td>
<td>Paschal Engineering &amp; Forensic Consulting, Inc.</td>
<td>30 minutes</td>
</tr>
<tr>
<td>10:45 am</td>
<td>Water &amp; Wastewater Agency Response Network (WARN)</td>
<td>Christine Hemdon</td>
<td>Herndon Solutions Group</td>
<td>30 minutes</td>
</tr>
<tr>
<td>11:15 am</td>
<td>Key Success Factors for the Fairmount Pump Station</td>
<td>Kenneth M. Kamper, PE</td>
<td>Hatch Mott McDonald</td>
<td>30 minutes</td>
</tr>
<tr>
<td>11:45 am</td>
<td>Acoustic Methods for Determining Remaining Pipe Wall Thickness in Asbestos, Cement or Ferrous Pipes</td>
<td>Geoff Boyd</td>
<td>Echologics Engineering</td>
<td>30 minutes</td>
</tr>
<tr>
<td>12:15 pm</td>
<td>Lunch - Visit Exhibitors</td>
<td></td>
<td></td>
<td>60 minutes</td>
</tr>
<tr>
<td>1:15 pm</td>
<td>Intelligence Driven Asset Maintenance</td>
<td>Craig H. Palmer, PE &amp; Jamie Persino, GISP</td>
<td>Erie Water Works</td>
<td>60 minutes</td>
</tr>
<tr>
<td>2:15 pm</td>
<td>Demystifying Asset Management</td>
<td>David Vago</td>
<td>Wade Trim Operations Services/Mi-AWWA</td>
<td>30 minutes</td>
</tr>
<tr>
<td>2:45 pm</td>
<td>Break - Visit Exhibitors</td>
<td></td>
<td></td>
<td>15 minutes</td>
</tr>
<tr>
<td>3:00 pm</td>
<td>Utilization of New DNA Sequencing Technology to Assess the Environmental Status of Great Lakes Ecosystems.</td>
<td>Michael Campbell</td>
<td>Penn State-Erie</td>
<td>30 minutes</td>
</tr>
<tr>
<td>3:30 pm</td>
<td>Monochloramine Monitoring - Reliable Analysis, Safer Drinking Water</td>
<td>Randy Turner</td>
<td>Swan Analytical USA</td>
<td>30 minutes</td>
</tr>
<tr>
<td>4:00 pm</td>
<td>Why Should Surface Water Treatment Plants Monitor UV254 in Source Water?</td>
<td>Alex A Yavich</td>
<td>Optimization Solutions Environmental, LLC</td>
<td>30 minutes</td>
</tr>
</tbody>
</table>
# GREAT LAKES SUMMIT 2012

## Registration Form

### Conference attendee information

<table>
<thead>
<tr>
<th>NAME</th>
<th>TITLE</th>
</tr>
</thead>
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| ORGANIZATION |                  |

<table>
<thead>
<tr>
<th>MAILING ADDRESS</th>
<th>STATE</th>
<th>ZIP</th>
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<table>
<thead>
<tr>
<th>PHONE</th>
<th>FAX</th>
<th>AWWA Member #</th>
</tr>
</thead>
</table>

Optional Demographic info (check any that apply)

- New Member
- Young Professional

### SECTION I / Conference selection

#### Full Conference (October 17 & 18)

- [ ] Water Utility Operator - Reduced: $150
- [ ] AWWA Member - Utility: $200
- [ ] AWWA Member - Non-Utility: $250
- [ ] Non - Member: $300
- [ ] Presenter: $100

#### Exhibitor (includes 2 full conference registrations)

- [ ] AWWA Member Exhibitor Fee: $600
- [ ] AWWA Non-Member Exhibitor Fee: $700
- [ ] Guest / Student Registration:
  - Spouse or Child (12 yrs. old or younger, no fee):
  - Name: ____________________________

#### One-Day Registration (October 17 or 18)

- [ ] Wednesday
- [ ] Thursday

- [ ] Water Utility Operator - Reduced: $100
- [ ] AWWA Member - Utility: $125
- [ ] AWWA Member - Non-Utility: $150
- [ ] Non-Member: $175

**Subtotal:**

<table>
<thead>
<tr>
<th>Thursday—October 18, 2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Securing Drinking Wt. Course -Member: $100</td>
</tr>
<tr>
<td>Securing Drinking Wt. Course-Non Member: $125</td>
</tr>
<tr>
<td>5 PA DEP Contact Hours</td>
</tr>
</tbody>
</table>

### SECTION II / Special Event

**Tuesday, October 16, 2012**

Tuesday Evening Social Meet and Greet to be Held at The Erie Bayfront Convention Center

**PLEASE RSVP _____ # OF ATTENDEES**

### Section III / Sponsorship Information

**GOLD—$1,000**

- Booth/Two Complimentary Conference Registrations, Advertisement in Conference Program, & Organization Name is Displayed on the Banner at the Summit.

**SILVER—$500**

- One Complimentary Conference Registration, Advertisement in the Conference Program, Organization Name Displayed on the Banner at the Summit.

**BRONZE—$300**

- Organization Name Displayed on Banner at the Summit and Recognition in the Conference Program

### Registration & Payment / deadline September 14, 2012 - late fee $25.00

- [ ] American Express
- [ ] VISA
- [ ] Mastercard
- [ ] Check (made payable to: PA-AWWA)
- [ ]

<table>
<thead>
<tr>
<th>Credit Card #</th>
<th>Expiration Date</th>
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<thead>
<tr>
<th>Signature</th>
</tr>
</thead>
</table>

**GRAND TOTAL**

**$ _______**

**MAIL:** PA AWWA, P.O. Box D, New Cumberland, PA 17070  
**FAX:** (717) 774-0288  
**ONLINE:** visit www.paawwa.org
Phase III

PA American’s West Shore Treatment Plant recently achieved Phase III status in the Partnership for Safe Water program. Shown are (left to right) Paul Zielinski, PAW; Kevin Anderson, PA DEP; Gene Koontz, PA-AWWA Director; Jerry Stevens, AWWA President; Cindy Hitz and Jon Prawdzik, PAW.

About the Awards:

Phase III Director’s Award:

Phase III is a comprehensive self-assessment evaluation following the “Self-Assessment Guide for Surface Water Treatment Plant Optimization.” A completion report is submitted and reviewed by a team of utility peers. Satisfactory reports result in the plant receiving the Directors Award from the Partnership. A Phase III Checklist and Self-Assessment Template developed by PA DEP provides guidance to assist plants with the completion of the Phase III report.

Five-Year/Ten-Year Director’s Award:

This award is presented to surface water systems that have successfully maintained the rigorous Phase III requirements for 5 or 10 consecutive years.

President’s Award:

The President’s Award recognizes treatment plants that have achieved the highest possible levels of individual filter turbidity performance (Phase IV goals). Utilities that are considering pursuing Phase IV Presidents Award recognition must understand that they will be assessed against very stringent performance goals. Phase IV represents a much higher performance level over Phase III of the Partnership. Participation in Phase IV is voluntary and is not required for continuing membership in Phase III of the Partnership program. But, a treatment plant must be a Phase III Directors award plant in good standing to apply for Phase IV awards.
Water For People raises $3,406 from Silent Auction

The Pennsylvania Section’s Water for People Silent Auction raised $3,406 during the Annual Conference in Lancaster.

These funds will be combined with funds raised through the Pennsylvania Water for People Charity Golf Outing being held at the LuLu Country Club in Glenside, PA on September 10, 2012 and the sales from the Pennsylvania Water for People Annual Super Bowl Raffle event in the fall. The Pennsylvania Section also donated $2,500 to Water for People during the Annual Conference.

We encourage everyone to get involved in Water for People by making a contribution. Visit the website www.waterforpeople.org to learn more about the projects Water for People sponsors. Helping those less fortunate enjoy clean, drinkable water becomes possible through your generous donations. Thank you to everyone who participated in this year’s silent auction and other WFP events.

For more information, contact Rouletta Blowers at 717-763-7212 ext. 2368 or at Rblowers@gfnet.com.

Section Donation
Shown are (left to right): Jerry Stevens, Bob McIntyre and Curt Fontaine.

Kenneth J. Miller
Water For People Award
Recipient: William Kelvington
Shown are (left to right): Curt Fontaine, PA-AWWA Chair; Bob McIntyre, WFP Chair; William Kelvington, recipient; and Jerry Stevens, AWWA President.

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George W. Fuller Award  
Recipient: Serena DiMagno, RETTEW  
Shown are some of the past Fuller Award winners with the current recipient Serena DiMagno: (Left to right) Brian Funkhouser, Dave Holley, Debbie Lippert, Bob Naef, Gene Koontz, Serena DiMagno, Curt Fontaine (PA-AWWA Chair) and Jerry Stevens (AWWA President).

The Fuller Award honors a prominent leader in the water industry for “distinguished service in the water supply field and in commemoration of the sound engineering skill, the brilliant diplomatic talent, and the constructive leadership of men and women in the Association which characterized the life of George Warren Fuller.”

Samuel S. Baxter Award  
Recipient: Patti Kay Wisniewski, US EPA  
Shown are some of the past Baxter Award winners with the current recipient Patti Kay Wisniewski and presenter Liesel Adam: (left to right) Liesel Adam (PA-AWWA Vice Chair), Dave Holley, Brian Funkhouser, Patti Kay Wisniewski, Debbie Lippert, Bob Naef, and Curt Fontaine (PA-AWWA Chair).

The Baxter Award is presented for outstanding personal service in the water supply field and in commemoration of the leadership and development of safe public water system facilities, and advancement of improved water supply practices, the promotion of the water works industry of high esteem and service to the American Water Works Association as exhibited by Samuel S. Baxter, former Commissioner of Water for the City of Philadelphia and former AWWA President.

Rising Tide/Young Professional Award  
Recipient: Suzanne Ciavola, AECOM  
Shown are (left to right) Curt Fontaine, Mark Strahota, YP Committee Chair; Suzanne Ciavola and Jerry Stevens.

The Rising Tide award is given to an individual (AWWA member under the age of 35) in the PA Section who has made or continues to make a significant contribution to the advancement of young professionals in the Section.

Operator’s Meritorious Service Award  
Recipient: Mike McFadden, Carlisle Borough Municipal Authority  
Shown are (left to right) Stephanie Stoner, PA DEP; Dan Standish, PA-AWWA Chair Elect; Mike McFadden, CBMA; Gary Sullivan, AWWA; Don Hershey, PA-AWWA Executive Director.

This award acknowledges special operator performance for continuous compliance with public health standards in finished water.
Special Recognition Award
Recipient: Joseph Feola, PA DEP
Shown are (left to right): Curt Fontaine, Bob Naef (presenter), Joseph Feola, Herb Spencer (presenter) and Jerry Stevens.

Special Recognition Award
Recipient: Kirby Pack, United Water PA (retired)
Shown are (left to right): Curt Fontaine, Mike Snyder (presenter); Chad Bingaman, United Water accepting on behalf of Kirby Pack; Herb Spencer and Jerry Stevens.

Special Recognition Award
Recipient: Robert Schnitzler, PA American Water
Shown are (left to right) Curt Fontaine, Mike Snyder, Robert Schnitzler, Herb Spencer and Jerry Stevens.

These awards are given to honor years of service and dedication to the water industry.
2012 PA-AWWA CONFERENCE HIGHLIGHTS

Poster Contest Winners
Recipient: Jean Ryan, Penn State University
Jean Ryan explains her poster to Liesel Adam, who served as one of the contest judges.

2nd Place: Allison Malloy, Kelli Cummings, Wilkes University

Scholarship Winner
Recipient: Andrew Neal, Penn State University
(left to right): Curt Fontaine, Russ Williams, Committee Chair; Andrew Neal, Craig Neal (Andrew’s father) and Jerry Stevens.

The David A Long Scholarship award is for $2,000. The scholarship’s namesake served on the State College Borough Water Authority for 20 years and was described by his peers as a visionary. Dave was very active in the PA Section for over 35 years. He passed away in November 2001.

Passing the Gavel
Incoming PA Section Chair Dan Standish (left), Buchart Horn, accepts the gavel from outgoing Chair Curt Fontaine, Municipal Authority of Westmoreland County. Thanks for an outstanding year of service Curt!

Golf
The winning golf team at the conference consisted of (left to right): Kelly Patton, Chip Morrow, Marc Miller and Ted Stevenson.
George Hart selected as Vice Chair of PA Section

George Hart is a Project Engineer for Bankson Engineers, Inc., in Indianola, PA. As a Project Manager, he is responsible for conceptual design, development of alternatives and administration of contracts to construct capital improvements for a wide variety of public facilities, including streets, bridges, water treatment, distribution and storage facilities, wastewater treatment plants, sewers, parks and municipal swimming pools.

Hart has an extensive amount of experience in all three of the principal facets of engineering: surveying, problem analysis and design. He began his career with Arrowood, Inc. in Chambersburg, PA, as a surveyor in 1970 where he quickly advanced to the position of party chief. Since attaining his bachelor degree in 1975, he has devoted his career to analysis of municipal problems, design of public facilities, and management of construction projects.

He is a graduate of The Pennsylvania State University with a Bachelor of Science Degree in Water Resources Engineering Technology and an Associate Degree in Surveying Technology.

Hart is a Registered Professional Engineer in Pennsylvania, Maryland and West Virginia and holds a license as a Professional Surveyor in West Virginia. He also holds Water Treatment Plant Operator’s Certification and Sewage Treatment Plant Operator’s Certification in Pennsylvania.

He has been an active member of the Western Pennsylvania Water Pollution Control Association since 1975 and has held many offices in the Association during the time, including serving as President from 1987-1988. He continues to serve as Chairman of the By-Laws Committee today.

Hart has also been an active member of the PA Section - American Water Works Association and served as the Southwest District Chairman from 2006-2007, followed by two years of service as the District Trustee from 2008-2010. George has continued to serve the Section as an active member of the Conference Committee.

Hart is currently a member of the McKeesport Little Theater and serves this small community theater as a part-time set carpenter and member of the Artistic Research Committee. He is an active member of St. Vincent Basilica Parish in Latrobe, PA, and serves in the Lector Ministry. He resides in Greensburg, PA.

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INCOMING COMMITTEE CHAIRS

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The exhibit hall provided ample opportunities for conference attendees to speak with vendors about their products and services.

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Doctoral Dissertation continued from page 2

out the complete training calendar on engineering recertification. Please check the Section website www.paawwa.org for this year. The District Meetings are always a good way to pick up a couple of trainings are common in surface waters, and oocysts can be difficult to detect by water filtration. However, biofilms can integrate the particles found in large quantities of water. Glass slides were used to grow biofilms in situ and monitor for Cryptosporidium attachment to those biofilms; oocyst detection from slide biofilms was compared to water samples. Oocysts were consistently detected in biofilm samples, but sporadically in water samples. Results suggest that biofilm monitoring can be used to detect Cryptosporidium presence, as well as contamination hotspots, at various points in a watershed.

Interactions between biofilms and Cryptosporidium oocysts have not been studied extensively but are an important component of environmental oocyst fate and transport. Understanding these interactions may lead to more effective and efficient strategies for monitoring oocyst contamination as well as removing oocysts from water supplies.

Chair’s Message Continued from page 4

us for the 65th Annual Conference and Expo next April 23–25 in Hershey. Liesel Adam, Chair Elect, will lead the Section Staff and the Conference Committee in planning and organizing the Conference starting in August. If you would like to assist with the conference in Hershey, please contact Liesel at lieseladam@lehighcounty-authority.org or the section office at (717) 774-8870 or pchila@paawwa.org. I’m sure it will be a great conference.

Upcoming events

The Section provides training and conferences throughout the year for the membership to participate in. The Security Committee is hosting numerous Security Workshops that meet the mandatory DEP training requirements and the section staff will continue hosting workshops on numerous topics throughout the state this year. The District Meetings are always a good way to pick up a couple of training credits needed for operator and engineering recertification. Please check out the complete training calendar on the Section website www.paawwa.org for dates and further information. The Section is coordinating the first ever Great Lakes Summit with seven other AWWA Sections from the US and Canada, October 16–18 in Erie, PA. Please join us to learn more about the unique water related issues surrounding the Great Lakes Region. Don’t forget to attend the 65th Annual Conference in Hershey on April 23–25 next year. For a full breakdown of these and other events being offered by the section, please visit www.paawwa.org or call the section office at (717) 774-8870.

PaWARN

WOW - what a year for Mike Snyder and the PaWARN Network. If you are a utility and do not know about this network, you need to learn about what they do. PaWARN stands for Pennsylvania’s Water/Wastewater Agency Response Network. They are a network of public and private utilities that promote statewide emergency preparedness, disaster response and mutual aid assistance to other utility members. In short, it’s a group of utilities helping other utilities during emergencies and at the height of flooding and the aftermath of Tropical Storm Lee last year they were quite busy to say the least. The network was even called upon to supply a water tanker at the PEMA Headquarters. If you are not a member you should consider joining. For further information you can give the PaWARN Coordinator, Mike Snyder a call at (717) 774-8870 or visit www.pawarn.org.

Volunteering

I encourage you to become member and/or get involved in the Section. It is the best way to expand your network and get to know other professionals in the water industry. You may be surprised how much it can do for you and your career. It’s easy, just attend a district meeting and get involved on the planning committee. Looking for a more defined committee, we have some of those also. Visit the Section website for a complete list of committees and pick one that interests you. A complete list of board members is listed in the front of this newsletter. Contact one of us or the Section office and we will assist you in finding the committee that is right for you.

We hope to see you at one of the district meetings or other section events this year!
Arndt offers support for WIFIA legislation

The American Water Works Association’s efforts to spur the introduction of innovative water infrastructure legislation in Congress are close to succeeding.

U.S. Rep. Bob Gibbs (R-Ohio), chair of the House Subcommittee on Water Resources and Environment, has drafted a bill that would create a Water Infrastructure Finance and Innovation Authority (WIFIA). AWWA is encouraging US water utility managers to contact their representatives and senators in their home offices to urge support for the proposal.

“The bill will have much more momentum if Rep. Gibbs has a large number of original co-sponsors,” said AWWA Legislative Director Tommy Holmes. “WIFIA would dramatically reduce the cost of large water infrastructure projects to communities by providing low-interest federal loans. It would also assist small to medium-sized communities by supplementing the reach of the existing state revolving loan fund programs.”

AWWA sent a “Legislative Alert” notice to utility members encouraging utility managers to ask their representatives in the House to contact Rep. Gibbs and offer their names as co-sponsors of the legislation. Senators are being encouraged to support similar legislation when introduced into their chamber.

Arndt also elected to AWWA’s WUC

Aurel Arndt, general manager of the Lehigh County Authority, was elected chair of AWWA’s Water Utility Council by acclamation at its March meeting in Arlington, Va. His three-year term will begin at the conclusion of AWWA’s Annual Conference and Exposition in June.

He was first appointed to the WUC in 2005. On the WUC, he has chaired council steering committees that investigated the nation’s water infrastructure needs and potential solutions. The work of those committees has led to the recently issued landmark report, “Buried No Longer: Confronting America’s Water Infrastructure Challenge,” and to consideration in Congress of a bill to create a Water Infrastructure Finance and Innovation Authority. He has also served as Legislative Chair for the council.

Arndt testified on behalf of AWWA on February 28 before the House Subcommittee on Water Resources and Environment on a proposed WIFIA bill.

Before joining the council as a full member, Arndt served as chair of the Economic Technical Action Workgroup, an advisory group to the WUC. He is a recipient of both the Fuller and Baxter Awards for service to the water works profession. Arndt has worked for the Lehigh County Authority since 1974. It provides high-quality, affordable and reliable water and sewer service to more than 22,000 customers in Lehigh County and Northampton County, Pennsylvania.

Buchart Horn’s Schober receives Governor’s Award

Department of Community and Economic Development Secretary C. Alan Walker, on behalf of Gov. Tom Corbett, recognized Michael Schober, PE, Buchart Horn’s Sr. Vice President of Environmental Services, for his efforts to strengthen communities and serve residents.

“Today we celebrate and recognize your hard work; Pennsylvania communities are fortunate to have dedicated individuals whose commitment helps create better places to live and work,” said Walker at the 16th Annual Governor’s Awards for Local Government Excellence.

Michael was recognized for his services as secretary/treasurer for the Columbia Municipal Authority. He is on the board, the executive committee and is the immediate past president of the Pennsylvania Municipal Authority Association. Recently, Schober was appointed to the Governor’s Local Government Advisory Commission.

The Governor’s Awards for Local Government Excellence are presented annually by the Governor’s Center for Local Government Services (GCLGS), an office within the Department of Community and Economic Development that works to assist Pennsylvania’s 2,562 local governments. The community awards cover 10 categories. Schober’s award was for local government officials whose work has improved their communities.

Water Briefs continued on page 20
Buchart Horn’s Jeff Culton named PM of the Year

Jeffrey Culton, PE has been named as the Buchart-Horn Project Manager of the Year for 2011. Jeff was recognized for more than 20 years of profitable project management. In 2011 he managed 15 projects that generated a combined total revenue exceeding $975,000.

In the past 12 months, Jeff has managed the BNR Upgrade and Solids Handling Improvement projects for the Lower Allen Township Authority’s Wastewater Treatment Plant as well as the BNR upgrades at the Marietta-Donegal Joint Authority Facility. Jeff manages Buchart Horn’s Water Resources Group and was recently promoted to Associate Vice President.

PAW helps set record for collected pharmaceuticals

Pennsylvania American Water and the Berks County Solid Waste Authority reported recently that a record-setting volume of pharmaceutical products was recently collected and destroyed, ensuring that they will never end up in drinking water sources. The free event on April 28, at the Exeter Township Municipal Building enabled Berks County residents to dispose of unwanted and expired prescription and over-the-counter medicines.

“This was the largest turnout by far for a pharmaceutical collection event in Berks County since we started the program in 2009,” said Solid Waste Authority Executive Director Jane Meeks. “Better yet, we more than doubled the amount of drugs and medical products collected compared to our May 2011 event, when the previous record was set.”

Approximately 930 Berks County residents drove through the Exeter Township lot and dropped off 2,324 pounds of pharmaceutical products, including controlled and non-controlled substances and non-hazardous

Mains completes 4 stormwater management seminars

Eric Mains, PE, Environmental Project Manager with Buchart Horn, Inc. has completed four Stormwater Management (SWM) Seminars for Adams County township officials and engineers promoting a simplified approach to stormwater management.

The seminar series were hosted by the Adams County Conservation District through a mini-grant to provide education to municipalities on the “simplified approach” component of Adams County’s newly approved Act 167 stormwater management plan.

On January 25, 2012, the Pennsylvania Department of Environmental Protection’s (DEP) approved the county’s stormwater management plan. Adams county municipalities have until July 2012 to comply with the plan by enacting ordinances. County officials suggested the ordinances include provisions enabling property owners making minor improvements to reduce stormwater management costs. As part of those ordinances, county officials have suggested a simplified process by which property owners making minor improvements on their land could create their own stormwater management plan, thereby cutting costs.

Building heat provided by geothermal wastewater system

Philadelphia Mayor Michael A. Nutter, the Philadelphia Water Department and Philadelphia-based NovaThermal Energy have partnered to be the first site in the United States to deploy a commercial scale geothermal system that provides building heat using domestic wastewater.

A similar system was installed to heat an office building in Williamsport by the Williamsport Sanitary Authority and PPL in 1997.

“I am proud to say that Philadelphia is taking another groundbreaking step in becoming the greenest city in America,” said Mayor Nutter. “Partnering with a Philadelphia-based company and using innovative technology, we have achieved a win-win for energy efficiency and economic development. We will be able to save on costs and energy resources at a City facility while commercializing a technology that can be used in large commercial and industrial buildings throughout the country.”

Forward Thinking Solutions

• Water Treatment/Storage/Distribution
• Pump Stations and Pipelines
• Wastewater Collection/Treatment/Disposal
• Asset Management
• Utility Management
• Energy Audits/Sustainability
The May 2011 event attracted nearly 430 residents and collected 1,020 pounds of drugs and medical products.

This is the third time that Pennsylvania American Water co-sponsored the event to prevent the contaminants from entering local waterways and landfills, plus disposing of unused medications in an environmentally safe manner keeps them from falling into the wrong hands. All of the substances collected have been incinerated.

“The community’s overwhelming response and participation will go a long way to help protect our sources of drinking water,” said Terry Maenza, director of communications and external affairs for Pennsylvania American Water. “The event also helps us reinforce the message that unused or expired drugs should not be flushed down the toilet where they can enter our waterways.”

Representatives from Pennsylvania American Water, Berks County Solid Waste Authority, Berks County District Attorney’s office and Exeter Township Police, as well as local pharmacists and licensed hazardous waste contractor took part in the April 28 event. The Solid Waste Authority coupled the pharmaceutical disposal with a drop-off for free paper shredding.

PAW awards grants for 8 watershed programs

Pennsylvania American Water announced recently that eight watershed initiatives across the state have earned financial support through the company’s 2012 Environmental Grant Program. The recipients will receive a share of grant funds totaling approximately $35,600 for their community-based projects that improve, restore or protect watersheds.

A panel of judges selected the winners from more than 50 grant applications, which were evaluated on such criteria as environmental need, innovation, community engagement and sustainability.

Pennsylvania American Water awarded its 2012 Environmental Grants to Pennsylvania Environmental Council (Luzerne County), Southeastern Pennsylvania Resource Conservation and Development Council (Montgomery County), Derry Environmental Action Committee (Dauphin County), Carnegie Borough Shade Tree Commission (Allegheny County), Timmy’s Town Center (Lackawanna County), Butler County Department of Corrections (Butler County), East Pennsboro Township (Cumberland County), and Paddle Without Pollution (Allegheny County).

“As we mark the eighth year of our Environmental Grant Program, I’m very proud of the partnerships that we’ve developed with so many community groups that share our dedication to watershed protection and environmental stewardship,” said Pennsylvania American Water President Kathy L. Pape.

The following describes the winning Environmental Grant projects:

- Pennsylvania Environmental Council, Luzerne County
  With the funding, the PEC will undertake an invasive species removal, riparian buffer planting and educational program involving Pennsylvania American Water’s property along the Huntsville Creek. The project will improve the creek’s water quality and educate volunteers about healthy riparian buffers. In addition to removing invasive Japanese Knotweed that contributes to stream bank erosion, the organization will replant the area with native species, trees and shrubs.

- Southeastern Pennsylvania Resource Conservation and Development Council, Montgomery County
  To support volunteers working on environmental restoration and beautification projects throughout southeastern Pennsylvania, the grant will help provide tools, power equipment, safety gear and related supplies for the council’s mobile shed known as the Conservation Planting Trailer. The program makes cleanup projects, rain garden plantings, riparian buffers and other environmental projects easier to plan and implement.

- Derry Township Environmental Action Committee, Dauphin County
  The committee plans to host a Water Protection Workshop to educate residents and businesses on storm water runoff and source water protection. The funding will also provide rain barrels to participants of the workshop, which will also serve as a model for future community partnerships on watershed protection.

- Carnegie Borough Shade Tree Commission, Allegheny County
  The grant will support commission’s plans to plant a sunflower rain garden, which will educate...
residents on the use of rain gardens to alleviate runoff during rain events. A community mural and video documentary will commemorate the project and provide additional educational material on the project.

- Timmy’s Town Center, Lackawanna County
  The organization will use the funding to develop an educational program entitled “Wet Paint” to educate children about watershed protection and resources. Additionally, the program will include decorating four benches to be placed along the Lackawanna River to encourage children to visit the river and foster environmental stewardship.

- Butler County Department of Community Corrections, Butler County
  The grant will provide materials necessary for watershed cleanups along lakes, streams and reservoirs in the county. The project will collect, transport and dispose of litter from the waterways, as well as recycle the collected waste materials, whenever possible.

- East Pennsboro Township, Cumberland County
  To improve the quality of the waterways impacted by the community’s storm sewer system and resulting storm water runoff, the grant will fund the purchase storm sewer curb markers for raising public awareness that storm water content drains into local water sources. The project will engage volunteers from the Boys Scouts, Girls Scouts and other organizations.

- Butlers County Department of Community Corrections, Butler County
  The grant will provide materials necessary for watershed cleanups along lakes, streams and reservoirs in the county. The project will collect, transport and dispose of litter from the waterways, as well as recycle the collected waste materials, whenever possible.

- East Pennsboro Township, Cumberland County
  To improve the quality of the waterways impacted by the community’s storm sewer system and resulting storm water runoff, the grant will fund the purchase storm sewer curb markers for raising public awareness that storm water content drains into local water sources. The project will engage volunteers from the Boys Scouts, Girls Scouts and other organizations.

- Paddle Without Pollution, Allegheny County
  Funding will allow the group to engage volunteers in a watershed cleanup project throughout southwestern Pennsylvania. Kayakers and canoeists will take to the waterways to rid the shorelines of debris during their journey.

Pennsylvania American Water is a subsidiary of American Water, which initiated the Environmental Grant Program in 2005 in Pennsylvania to support projects that protect or restore drinking water sources and surrounding watersheds. Since then, American Water has expanded the annual program to many of its state subsidiaries across the nation.

Aqua transitioning vehicles to compressed natural gas

Aqua America, Inc. Chairman and CEO Nicholas DeBenedictis announced recently the company is going to transition portions of its larger vehicle fleet to compressed natural gas (CNG).

The comment was made before the Public Utility Commission’s Alternative Fuel Vehicles forum held at Drexel University in Philadelphia.

“As both a former DEP and Economic Development Secretary for the Commonwealth, I believe that the natural gas industry in Pennsylvania will become the biggest economic driver in the state days of coal and steel. Pennsylvania has always been an energy-rich state with natural gas being its latest form,” said DeBenedictis. “CNG makes sense economically because of it is less expensive than fossil fuels and environmentally because it is a clean-burning fuel and thereby reduces carbon emissions.”

Aqua Pennsylvania, Inc., the company’s largest subsidiary, has been piloting CNG vehicles for more than a year and has already planned for a slow-fill station at its Springfield Operations Center in Delaware County.

Slow-fill stations fuel vehicles over a longer time period, which the company can accommodate because many vehicles are housed at the facility overnight and have longer periods of inactivity during which they can be refueled.

“I also see this as an opportunity to create demand for this clean burning fuel, which is currently priced right because of the current surplus,” said DeBenedictis. “The relatively small, required up-front investment has a quick payback, which accrues to benefit ratepayers through reduced expenses. With anticipated cost of about $2 per gallon, it can be nearly half the cost of fossil fuel with gasoline currently priced at about $3.65 per gallon and diesel fuel being about $4 per gallon. Further, the operating costs are 30-to-50 percent less expensive.”

Aqua Pennsylvania plans to begin the transition with its 20 dump trucks and 60 vans initially, as there are not many passenger vehicle opportunities available currently. However, as it begins to turn over its vehicles, those that have original equipment manufacturer (OEM) CNG alternatives, will be transitioned to CNG vehicles.
Russell Horn Celebrates 100 Years

Russell E. Horn, Sr., the surviving founder of Buchart Horn (BH), celebrated his 100th birthday May 4 as employees, co-workers, community leaders, elected officials, family members and friends who gathered at the Corporate Headquarters of Buchart Horn in York, PA.

“Russell Horn,” said Brian Funkhouser, BH President and CEO, “graduated from Penn State during the Great Depression, served his country admirably during WW II, raised a family of three sons and a daughter with his wife Eleanor, joined up with his childhood friend Clair Buchart to create a top 300 Architectural/Engineering firm, became one of the great philanthropist in the community and provided the opportunity for countless number of employees and their families to sustain a living. We are all proud to know Russell; some of us have worked with him and some of us have worked for him, but all of us can call him a friend.”

At the end of the formal program, which lasted nearly an hour, Russell rose to the lectern and gave an impromptu five minute speech, recalling his first job with Penn DOT, his love for Penn State, and his appreciation for the blessings he had received during his lifetime.

Bill Kelvington postpones retirement; joins United Water Pennsylvania

Bill Kelvington recently joined the administrative staff at United Water Pennsylvania as Director of Operations. He replaced Kirby Pack, who retired earlier this year following 35 years of service at United Water and its predecessor companies. The company operates 12 water systems in eight counties and has nearly 100 employees who provide water service to approximately 58,000 customers.

He came to United Water from Pennsylvania American Water where he previously spent over 35 years in various managerial capacities. Most recently, Bill was Vice President of Operations for the company serving over 630,000 water and 17,000 wastewater customers. He was also American Water’s Vice President for Process Performance and was responsible for setting strategy for optimizing process and tasks to maximize financial performance, operational efficiency and customer satisfaction.

Bill is the 2001 recipient of AWWA’s George Warren Fuller Award presented for distinguished service provided to the water supply field. He also received the Samuel S. Baxter Award in 2002 for outstanding leadership and development of safe public water system facilities and advancement of improved water supply practices. Bill is a past AWWA International Director, Pennsylvania Chapter Director and Southwest District Trustee. In addition, he has served as a board member for the Pennsylvania Chapter of the National Association of Water Companies.