



# Partners in PA

Partnership for Safe Water Update

# 108

Partners in PA

59 Phase I & II Plants

49 Awarded Phase III

Volume 10 • Issue 3



## The SPOTLIGHT is on: Reading Area Water Authority & State College Borough Water Authority ...newest Partnership for Safe Water members

Reading Area Municipal Authority recently decided to join the Partnership for Safe Water Program (PFSW). The Program is a voluntary effort, designed and supported by AWWA, EPA, DEP and the drinking water community throughout the nation. It is reserved for well-run facilities that are challenging their operators to produce drinking water, which far surpasses regulatory requirements. The challenge known as "optimization" requires a self-analysis of each portion of the water treatment process, insuring the highest level of protection for their customers.

Dean Miller, Executive Director, Reading Area Water Authority, notes that his operators are always looking for methods to improve their operations and water quality. "We saw the Partnership for Safe Water program as a perfect fit for us. The program constitutes the same results as we do and has the tools to help us get there."

A big welcome goes out to the State College Borough Water Authority (SCBWA), the Partnership for Safe Water's newest member. The SCBWA decided to join the Partnership only after they thoroughly evaluated the Partnership requirements and benefits. As part of their evaluation they called several current PFSW members and included the entire operations staff in a Q & A meeting with Guy Woodard, their Partnership representative.

Max Gill, Manager of the State College



*READING: (Pictured L to R) Bridget Reinert, PA DEP Water Supply Specialist; Dean Miller, Executive Director; Susan Werner, PA DEP Sanitarian Supervisor; Gary Phillips, Chief Operator; and Diane Cox, Partnership Representative*



*STATE COLLEGE: (Pictured L to R) Max Gill, Gary Brungart, Bryan Hosterman, John Butts, Lanny Bird, Tim Koleno, Brian Heiser*

Borough Water Authority, explains they ultimately saw the Partnership as an "opportunity for additional training," and as an important tool in their "constant effort for better water." Lanny Bird, the SCBWA's Production Superintendent, captures the shared philosophy of the SCBWA and the Partnership for Safe Water when he says, "proactive will always be better than reactive."

The Partnership for Safe Water is proud to welcome both Reading Area Municipal Authority and State College Borough Water Authority as its newest members.

### Check out New Features on the Partnership for Safe Water Website

Notice on left side of the home landing page there is a link to join in the Technical Issues Forum. This is where you can ask and answer technical questions and interact with other system operators. Give it a try!

Click on What's New to keep up with the latest on the Partnership for Safe Water and other information of interest to water operations professionals. There are instructions on how to access a powerful search tool: GOOGLE NEWS. It is simple to use and you can get some great and timely information on drinking water treatment news items.

Look at the website ([www.partnershipforsafewater.org](http://www.partnershipforsafewater.org)) regularly. New features are being added to provide information for optimizing both water treatment plant and distribution system performance.



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**WESTMORELAND:** (L - R) Kate O'Neill, PFSW Representative NW & SW districts, Craig Lutsko, Operator Municipal Authority Westmoreland County, Chris Kerr, MAWC Manager, Erwin Elma, MAWC Water Quality Supervisor, John Ashton, MAWC Operator Production Manager.



**WILLIAMSPORT:** (L-R) Dee Bennett, AWWA National Representative, Guy Woodard, PFSW Representative NC & SC districts, Blas Herrera, Asst. Superintendent Williamsport Water Authority. Larry Bennett, Williamsport's Superintendent and Kevin Anderson, DEP WTP Specialist



**PENNSYLVANIA AMERICAN HUNTSVILLE:** (L-R) Deb Lippert, PA American Water Sr. Director Field Operations, Dee Bennett, AWWA National Representative, William Kelvington, PAWC Vice President, Michael Salvo, PAWC Sr. SC Director Field Operations, Diane Cox, PFSW Representative, and Kevin Anderson, DEP WTP Specialist

## Partnership for Safe Water Mixer Highlights:

Representatives from the Pennsylvania Department of Environmental Protection (DEP) and PA Section Officers were on hand at the Annual Conference to acknowledge the accomplishments of the past year for three water treatment plants participating in the program: Williamsport Municipal Water, Municipal Authority Westmoreland County – Indian Creek Water Treatment Plant and PA American – Huntsville WTP.

As a testimonial for their efforts in striving to produce the best water quality possible, a custom-made engraved Phase III Crystal Glass Water Drop Directors/Achievement Award was presented to these water treatment plant personnel who successfully completed Phase III of the PFSW program. Approximately 50 water system professionals participated in the PFSW Mixer celebration held on May 6, 2009 at the Annual Conference at the Pittsburgh Hilton Convention Center.

## Annual Reports Due In June

Your annual report for the period 6/12/2008 – 5/31/2009 was due in June. Guidelines for annual reports are found on the Partnership website at [www.partnershipforsafewater.org](http://www.partnershipforsafewater.org). You should be using version 4.1 of the data collection software. If you don't have the current version, please contact Debby Qualls at [dqualls@awwa.org](mailto:dqualls@awwa.org). All participating treatment plants should submit their turbidity data each year. Award-winning treatment plants are required to submit the data AND a Written narrative report. Submit both parts to the annual report by email to [dqualls@awwa.org](mailto:dqualls@awwa.org). Please use the "Save File for AWWA" feature on the software. This will make the file very small and easy to send by email. All treatment plans must include a statement of conformance with regulations in their annual report. If you received a Notice of Violation, you must explain the situation and send us a copy of the Notice.

## Treatment Tips: Chlorine Dosage Setting

Gas chlorinator settings are usually in lb/day. Many treatment plants have feedback control systems that use a chlorine analyzer to determine the residual. The chlorinator is automatically controlled using this signal and, usually, the plant flow. Without these automation features chlorine dosage can be adjusted manually. The chlorinator is set based upon the desired dosage and the plant flow.

$$\text{Chlorinator Setting (lb/day)} = 8.34 \text{ lb/MG}/(\text{mg/L}) \times \text{dosage (mg/L)} \times \text{plant flow (MGD)}$$

Example: A plant water flow of 2 MGD is treated with a chlorine dosage of 1.5 mg/L.

What is the chlorinator setting (lb/day) for this situation?

$$\text{Lb/day} = 8.34 \times 1.5 \text{ mg/L} \times 2 \text{ MGD} = 25.02 \text{ lb/day}$$

## Update Your Partnership Info

Send any changes to your Partnership contact information to Debby Qualls at [dqualls@awwa.org](mailto:dqualls@awwa.org). If we don't have the correct information you may miss out on upcoming program improvements. Be sure to include current e-mail address if available.



## Partnership for Safe Water Program now hiring a Representative

The Pennsylvania Section of the American Water Works Association (PA-AWWA) is seeking a representative for the Partnership for Safe Water program (PFSW). The PFSW focuses on optimizing the operation of water filtration plants and is supported by both the Pennsylvania Department of Environmental Protection (DEP) and the Section. The representative will visit surface water filtration plants in the western portions of the Commonwealth. The representative's primary objective will be to provide technical assistance and training (e.g. report writing and computer software) to systems working through the Partnership's Phase III Self-Assessment process. A secondary objective would be to educate the owners/operators of the benefits of membership in the Partnership, with a goal of enrolling additional filter plants in the program. This is a compensated and part-time position. If you have a strong background in optimizing surface water treatment plant operations, are knowledgeable and supportive of the PFSW, are proficient with Word, Excel, and the Internet, have good people skills and a desire to see the Partnership Program flourish, please contact Diane Cox at 717-774-8870 or [dianecox@paawwa.org](mailto:dianecox@paawwa.org). PA-AWWA is an Equal Opportunity Employer.