



Partners in PA

Partnership for Safe Water Update

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112

Partners in PA

62 Phase I & II Plants
50 Awarded Phase III



The SPOTLIGHT is on our newest member: Middleburg Municipal Authority



The Middleburg Municipal Authority is the newest member to join the *Partnership for Safe Water* (PFSW) program. The Middleburg Municipal Authority system serves approximately 1,600 people in the Borough of Middleburg and Franklin Township, Snyder County. The Authority collects the raw water from three small surface impoundments and two wells. The intakes are on the East and West Branch of Bowersox Run and Erb run. The Authority also has two wells. The water from Well #2 goes through the filter plant. Well #1 is maintained as an emergency backup. The Authority's filter plant was built in 1991. The plant has upflow clarifiers and traveling bridge filters. Water from the two intakes on Bowersox run combines in a small raw water tank below the intakes before traveling to the plant. Pretreatment consists of alum and soda ash. After filtration the water can be treated with a polyphosphate, chlorine, soda ash and sodium bicarbonate. Storage consists of a 300,000-gallon tank at the plant and a 260,000-gallon standpipe on the opposite end of the distribution system.

Middleburg's Foreman, Dustin Zechman says "he saw the *Partnership* program as an opportunity to work as a team on self-assessing their system to produce the best water possible for their community".



Shown are: (left to right) Derik Dressler, DEP; Dustin Zechman, Middleburg foreman; John Hamilton, DEP; Judy Varner and Mark Kline, Middleburg operators. Not shown are Middleburg's Robin Shelly and Doug App.



PfSW Representative Guy Woodard (right) explains the benefits of belonging to the Partnership to the Middleburg personnel.

Update Your Partnership Info

Send any changes to your *Partnership* contact information to Debby Qualls at 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.



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Distribution System Optimization Status Update

The *Partnership* co-funded the Water Research Foundation project to develop criteria to define excellence in distribution system operation. The criteria and other project outcomes will form the basis for a distribution system optimization program using similar approaches to the *Partnership* treatment plant optimization program.

As the research project is nearing completion, scheduled to be final in March, the *Partnership* is receiving drafts portions of the report so that it can begin its development of an optimization program. Committees have been formed to assist the *Partnership* staff to draft a self-assessment guide similar to the one on water treatment plant optimization. At the same time, policies and procedures for the new program are under consideration by the Steering Committee.

EPA is providing some funding to support the development of the self-assessment guide. The draft guidance document is scheduled for completion by September 30, 2010. It is anticipated that the new distribution system optimization program will then be available for utility participation in January 2011.

"This new program will open the door for many water systems previously unable to participate in the *Partnership for Safe Water* Program. Groundwater systems and those that purchase their water and maintain their own distribution system will now be able to join and participate in the *Partnership* Program. Also, existing *Partnership* members will need to decide if they will participate in this exciting new program when it is made available. New and/or existing members, that treat surface water, will be able to choose to participate in water treatment plant optimization, distribution system optimization, or both!"

"Remember, the *Partnership* program seeks improved water quality, not by meeting more stringent regulations, but by using flexible technical tools that allow each system to customize performance improvements at their own pace with limited capital spending. Hundreds of treatment plants are now benefiting from membership and participation in treatment plant optimization. The primary benefits are:

- Reduced risk from microbiological contaminants
- *Cryptosporidium* removal credit under the regulatory requirements of LT2ESWTR
- Customized performance enhancement plans using the program's technical tools
- Comparison data from national database
- Enhanced employee support for high quality water
- Awards and recognition for achievements gain customer confidence
- Documented achievements are recognized by State regulators'
- Opportunity for 20 CEU for Phase III plants
- Discounted registration fee for the Optimizing Filter Performance Workshop

Optimizing Filter Performance Workshop THURSDAY, MAY 20, 2010

Approved for 6.5 PA DEP Contact Hours

Registration Fee:

Non-Members: \$75.00 (Includes Lunch)

Partnership for Safe Water Member:
\$20.00 (Includes Lunch)

Time:

Arrive: 8:00 a.m.

Program: 8:30 a.m. – 4:30 p.m.

Location: Southwest

Brackenridge Borough
1000 Brackenridge Avenue
Brackenridge, PA 15014

Limited Seating! Register ASAP!
Registration form at www.paawwa.org

Plants Seeking Phase IV – Register with AWWA!

ALL plants that are actively pursuing the requirements of Phase IV to achieve the "Excellence in Water Treatment Award" MUST register prior to submitting an award application. It is highly recommended that plants register before they even begin to collect the documentation needed to attain Phase IV. Registration must occur at least three months prior to submitting a Phase IV application. The registration is free and the form is included with the Phase IV application on the *Partnership* website at www.partnershipforsafewater.org.

National Conference on Water System Optimization

Mark your calendars! Planning has begun for a *Partnership* conference October 18-20, 2010 in Hershey, Pennsylvania. Technical presentations will help utilities optimize water treatment plants and distribution systems. Operations personnel, including supervisor, managers, operators, and engineers will benefit from the program. Look for more information to come.



The National Conference
on Water System Optimization

October 18-20, 2010 Hershey, PA

For more information, contact Diane Cox

at 717.774.8870