



Partners in PA

Partnership for Safe Water Update

Volume 3 • Issue 2

125

Partners in PA

86 Phase I & II Plants
39 Awarded Phase III

Pittsburgh Authority and Emlenton Water Company named Partnership members



The Pittsburgh Water and Sewer Authority recently became the 124th surface water filtration plant to join the Partnership for Safe Water program. Shown left to right are: Stanley States, Water Quality Manager of PWSA; Barb Grosch, Environmental Health Specialist with the Allegheny County Health Dept.; Gregory F. Tutsock, Executive Director of PWSA; Tom Vayansky, Regional Manager with DEP; and Kate O'Neill, PA-AWWA Partnership Representative.

The Pittsburgh Water and Sewer Authority, located in Allegheny County, and Emlenton Water Company of Venango County recently signed agreements to become members of the Partnership for Safe Water.

With the recent addition of Pittsburgh and Emlenton, 125 surface water filtration plants are enrolled in the Partnership Program in Pennsylvania. These plants serve 5.4 million people, which is well over half of the 8.3

million Pennsylvanians who obtain part or all of their drinking water from surface water treatment plants.

For more information, contact Ed Chescattie at 717 772-4018, e-mail echescatti@state.pa.us or visit DEP's website at www.dep.state.pa.us (directLINK "filtration").

Source: Environmental Protection Update

Credit for lower turbidity included in Draft LT2ESWTR

The pre-proposal draft of the Long Term 2 Enhanced Surface Water Treatment Rule (LT2ESWTR) includes a toolbox component that would grant additional *Cryptosporidium* removal credit for a treatment plant that demonstrates the ability to maintain finished water turbidity levels significantly lower than currently required.

An additional 0.5 log credit is granted to plants that demonstrate a turbidity level in the *combined* filter effluent less than or equal to 0.15 NTU in at least 95% of the measurements taken each month. An additional 1.0 log credit is granted to plants that demonstrate a turbidity level in each *individual* filter less than or equal to 0.15 NTU in at least 95 percent of the measurements taken each month.

The Partnership for Safe Water program provides the tools that treatment plants will need to document conformance with these requirements. The Partnership's goal of 0.1 NTU establishes a margin of safety for plants that are seeking the *Cryptosporidium* removal credit. The additional 1.0 log credit is now linked to participation in a peer review program and Phase IV of the Partnership for Safe Water is specifically listed as an example that would qualify.

The Partnership will keep you informed of this important regulation as the review and approval process proceeds. Plants that are now reviewing their potential compliance with the proposed rule may wish to consider these credits in their strategy.

Source: July 2002 Partnership for Safe Water Newsletter

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Filter Maintenance and Operations Guidance Manual available soon

A new manual will be soon available from the American Water Works Association Research Foundation. The extensive, 12-chapter "Filter Maintenance and Operations Guidance Manual" is the first of its kind in providing operators at surface water treatment plants with step-by-step procedures in troubleshooting and correcting filter problems.

Conducting preventative maintenance practices on individual filters is an important approach for complying with the new Interim Enhanced Surface Water Treatment Rule and future Long Term 1 Enhanced Surface Water Treatment Rule (2005) regulations.

Once finalized, this manual can be ordered from PA-AWWA by contacting Diane Cox @ 717-230-8935 or by email at: dianecox@paawwa.org. The manual will be listed on our website (www.paawwa.org) when available.

Online info about new drinking water regulations

The PA DEP has recently developed the "New Regulations Website". This site contains resources on recent and upcoming regulations including:

- Interim Enhanced Surface Water Treatment Rule
- Disinfectants/Disinfection By Products Rule
- Long Term 1 Enhanced Surface Water Treatment Rule
- Filter Backwash Recycling Rule

To access this website, go to the PA DEP website at <http://www/dep.state.pa.us/> and type in PA Keyword (direct link): filtration". Then click on "New Drinking Water Regulations"

Got questions about the Phase III Self-Assessment?

Don't know how to start?

Not sure what to include in your report?

Answers are available, contact Ed Chescattie at 717-772-4018 for more information.

PLEASE NOTE: If you are planning to advance to Phase IV of the Partnership program, we strongly suggest you contact DEP before completing the Phase IV application. Call Phil Consonery at 717-772-4018 to obtain details about Pennsylvania's Phase IV program.

Educational Opportunity

Satellite Teleconference "Emerging Treatment Technologies" Thursday, November 7, 2002 12 noon – 3:30 p.m. EST

If you are a water industry professional and you are interested in understanding the basic functions and differences in today's water treatment technologies, then you'll want to plan on participating in this all-new satellite teleconference. The teleconference will cover emerging treatment technologies from the operations perspective and will include technologies such as ultraviolet, ozone, and membranes.

Here's What You'll Learn

- An overview on how to determine which treatment technology is the right one for your system
- An in-dept discussion on the major technologies, including ultraviolet, ozone, membranes, and other emerging technologies
- A detailed comparison of the major technologies, including cost, operability, environmental considerations, and administrative difficulties
- A summary of how to determine which treatment to use with certain pathogens
- Panel discussions, question and answer sessions, and a video case study presentation

Optimizing Filter Performance Workshop

Registration - 8:00 a.m.
Program - 8:30 a.m. - 4:30 p.m.

East: April 3, 2003
City of Allentown Bureau of Water Resources Water Filtration Plant
1300 Martin Luther King Drive
Allentown, PA 18102

Central: April 10, 2003
City of Harrisburg Bureau of Water
100 Pine Drive
Harrisburg, PA 17103

West: April 24, 2003
Brackenridge Borough
1000 Brackenridge Avenue
Brackenridge, PA 15014

Seating is limited due to the constraints of in-plant demonstrations. Be sure to register early to guarantee your space at the program.

For further information or if you have questions, please contact us at:

www.paawwa.org or
Diane Cox @ phone 717-230-8935
fax 717-230-8925.