



Partners in PA

Partnership for Safe Water Update

111
Partners in PA

64 Phase I & II Plants
47 Awarded Phase III

Volume 7 • Issue 2



The SPOTLIGHT is on:

The Partnership for Safe Water Mixer at the PA-AWWA 58th Annual Conference



The Partnership for Safe Water Mixer drew the attention of about 60–70 PA AWWA 58th Annual Conference attendees. DEP's Ed Chescattie was available to answer questions, along with Mike McFadden (Carlisle Borough) and Pat Caulfield (Schuylkill County). Mike and Pat took the lead on conducting a successful Phase III self-assessment at their plants, and agreed to share their experiences with others who are progressing to Phase III.



Ed Chescattie
DEP's Water Treatment Plant Specialist



Mike McFadden
Carlisle Borough Plant Supervisor



Pat Caulfield
Asst. Mgr., Schuylkill County



Elizabethtown Area Water Authority's staff spent time at the PFSW Exhibit booth, and were impressed with the large array of PFSW participants' pictures, reading material, handouts, posters, and wasted no time in locating their utility plant on the PFSW participants map. (Note PFSW buttons being worn!)



Gene Haldeman, Superintendent of Elizabethtown Area Water Authority, found the perfect place to display the Optimization Goals Poster for the entire staff to view.

Congratulations to DEP's Ed Chescattie!

Ed Chescattie has been appointed as the Chief of the Filter Plant Program Section in the Division of Operations Monitoring and Training, effective April 1, 2006. In his new position, Ed will supervise staff who are involved in implementing programs that focus on the optimization of operational and management activities at surface water treatment facilities, developing similar optimization efforts in distribution systems, improving water supply security, and ensuring that water systems are prepared to respond to emergency situations in order to improve water system operation and protect public health.

Ed has been with DEP for seven years during which he assumed increasing responsibility for a variety of complex and challenging tasks in the water supply field. Ed's responsibilities have included: performing and observing many filter plant performance evaluations, writing articles for national drinking water publications, developing and presenting numerous

training activities, developing guidance documents, troubleshooting problems with a variety of complex monitoring equipment, managing grants and helping both field and central office staff understand the complexity of new regulations related to surface water filter plants. Prior to his service with the Department, Ed operated both water and wastewater treatment facilities and is dual certified, holding both A-1 waterworks and wastewater operators licenses.



**Pennsylvania
Section**

American Water Works Association

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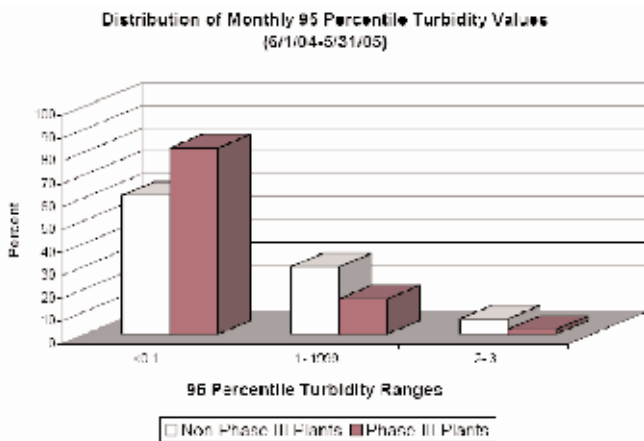
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Phase III Self-Assessment Improves Finished Water Quality

The Partnership compared the most recent years worth of turbidity data for filter plants that have completed Phase III and those that have not. The percent of monthly 95th percentile values reported in three ranges (<0.10NTU, 0.10-0.19NTU, and 0.20-0.30NTU) are shown below. A higher percentage of monthly 95th percentile values from Phase III award plants are in the <0.10NTU size range. This comparison is further verification of performance improvement from the Phase III self assessment.

*Distribution of Monthly 95th Percentile Turbidity Values
(6/1/04 – 5/31/05)*



Phase III Report Writing Tip

The basic idea behind the writing of a successful Phase III Report is to “complete a self-assessment of the facility and the operations in order to identify performance limiting factors and then develop actions necessary to make improvements on the identified limiting factors.” In other words, look at the plant and the operations from top to bottom, identify the issues that are affecting plant goals, and develop plans to fix the problems.

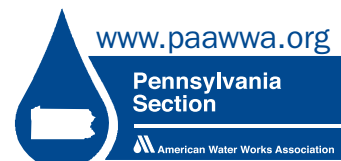
This process begins by establishing a Phase III “team” to get everyone involved including Administrative, Management, Operations, and Maintenance staff. In order to insure that nothing is overlooked the “team” should use one, or all, of the Phase III guidance documents provided in the original Partnership for Safe Water package and any recent updates. The original package included a Phase III Sample Report (prepared by AWWA), Opflow article, discussing aspects of the Phase III self-assessment, dated November 2004, written by Ed Chescattie, and a copy of the Self-Assessment Guide for Surface Water Treatment Plant Optimization. This Guidance document was prepared by AWWA through their research foundation commonly known as AWWARF. This is an excellent reference document which provides help in organizing and completing a successful self-assessment, as well as providing the “team” a source for technical information.

In addition to these existing documents, a new “Template” for Phase III Self-Assessment was recently released to the members of the Pennsylvania Section AWWA. The template was prepared by the Pennsylvania Department of Environmental Protection as a Regional Partner in the Partnership for Safe Water with an eye toward helping “team” members identify, catalogue and prioritize issues which are, or may some day, present a problem for the “team” meeting plant goals. The template was completed in March 06 and is available to PA-AWWA members through their local representatives or the main PA-AWWA office in New Cumberland. The information included in the template provides for a structured format for tackling the Phase III Self-Assessment and helpful hints on where to find the information needed in the report.

Utilizing these guidance documents when working on the Phase III report will assist the “team” in completing a successful self-assessment resulting in an excellent tool for planning and budget the necessary tasks to continue meeting plant goals. To obtain copies of any of the referenced documents please contact...Diane Cox at 717-774-8870 ASAP.

Have Questions/Need Assistance

Schedule a visit with a PfSW Representative, contact:
Diane F. Cox, PA Section AWWA at 717-774-8870



Please Note the Following Information

Partnership online course provides CEU's for operators

“Optimizing Performance Using Turbidity Data” course content closely follows the procedures used in the Phase III self-assessment. Operators from participating Partnership plants should find taking the course familiar. Operators that are associated with Partnership member plants can take the course for only \$25 (regular member charge is \$60). To enroll in the course go to www.awwa.org/learnonline

Questions? Contact Diane Cox at the PA Section office, 717-774-8870.

Have you sent in your Annual Report?

If you haven't sent in your annual report yet please collect your turbidity data and e-mail to Debby Qualls at dqualls@awwa.org and copy dianecox@paawwa.org or mail it (on computer disc) to: Debby Qualls – AWWA – 6666 West Quincy Avenue – Denver, CO 80235.

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.

ALMOST DONE WITH PHASE III?

Prior to submitting your Phase III report, it may be beneficial to contact PA-AWWA. A Partnership Rep could look over your draft report and provide helpful suggestions. If interested, please contact Diane Cox at 717-774-8870.