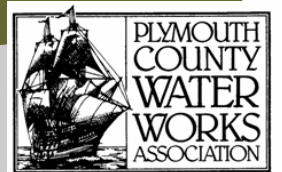


Course ID No.  
DWT-2008-57-DIR

**WELL CAPACITY:  
PROBLEMS, EVALUATION &  
TREATMENT**

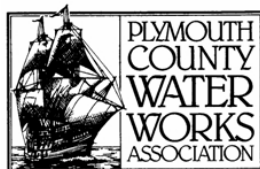


**September 18, 2008**

**9:00 a.m.—11:00 a.m.  
Easton Water Division  
417 Bay Rd  
South Easton, MA 02375**

**Do you have access to a meeting room  
to hold classes?**

**Please call:  
Leanne M. Monaghan  
Of  
Analytical Balance Corp., Middleboro  
508-946-2225**



417 Bay Road  
South Easton, MA 02375

Phone: 508-230-0850  
Fax: 508-238-6485

**WELL CAPACITY—PROBLEMS, EVALUATION & TREATMENT**

**COURSE ID NO. DWT-2008-57-DIR**

**September 18, 2008**

**9:00 a.m.—11:00 a.m.**

**PCWWA only accepts online registration. Online registrations allows us to offer our members free training by reducing manpower, paper and postage.**

**COST:**

**This course is free of charge to members in good standing (current dues paid). Fee for non-members is \$50.00; Non-members who attend and wish to join will have their \$25.00 PCWWA application fee waived providing payment for the course is made on the day of the class and the participant fills out a PCWWA Membership Application the same day.**

**PLEASE NOTE: Class room space is limited. Priority will be given to current members first.**

**TO REGISTER FOR THIS COURSE PLEASE VISIT**

[www.pcwwa.org/training](http://www.pcwwa.org/training)

**Seminar Description**  
**DWT-2008-57-DIR**  
**2.0 TCH**

This 2 hour course is designed to provide operators with up to date information on Well Capacity, Problems, Evaluation & Treatment

**Review of Well Problems**

- Lost Capacity – Specific Capacity Review
- Well Blockage
- Taste, Odor, Color
- Corrosion

**Review Causes of Last Capacity**

- Mechanical Blockage
- Mineral/Chemical Deposits
- Bacteriological Buildup – Bio-Film

**Cost:**

This course is free of charge to members in good standing (current dues paid). Fee for non-members is \$50.00; Non-members who attend and wish to join will have their \$25.00 PCWWA application fee waived. PLEASE NOTE: Classroom space is limited. Priority will be given to current members first.

**Cancellation Policy:**

If you cannot attend you must contact PCWWA 24 hours prior to the start of this program by sending an email to [education@pcwwa.org](mailto:education@pcwwa.org) or call Leanne M. Monaghan, 508-946-2225

All no shows who do not contact PCWWA before the start of the program will be charged \$50.

**Methods for Problem Evaluation**

- Records Review
- Well Video Logs
- Water Analysis – Field & Laboratory

**Methods and Tools for Treatment**

- Mechanical Action and Energy Tools
- Gas Impulse Technology
- Chemicals of Well Rehabilitation
- Chemical Mixing and Application

**Conclusion – Questions & Answers**

**Attendance Requirement:**

Participants must attend 90% of the course to be eligible for TCH's.

**Registration:**

To register, please visit:

[www.pcwwa.org/education](http://www.pcwwa.org/education)



**ON-LINE  
REGISTRATION  
ONLY**

**Speakers**

**PAUL D. BUOZIS, P.G.**

Mr. Buozis has over 35 years of domestic and international groundwater related experience. His experience ranges from the design and construction of numerous wells and well fields to the exploration for groundwater in most geologic areas of the United States. He has extensive experience in the use of geophysical methods for the exploration for, and the development of groundwater supplies. He also has extensive experience in mapping and controlling groundwater for construction projects. Mr. Buozis has also been integrally involved in the design and testing of new chemicals and mechanical methods for well rehabilitation.

Mr. Buozis has worked closely with regulatory agencies including the EPA and many state regulatory agencies on issues involving remedial plans for the control and remediation of groundwater contamination, and well and well field permitting, and has served as principal investigator on several large environmental projects.

**ROGER D. MILLER**

Mr. Miller has over 30 years of water related technical experience including 20 years in the ground water industry involving well rehabilitation. He has extensive experience in well problem assessment, both field and laboratory, and the development of cleaning technologies. In the area of well rehabilitation Mr. Miller has developed testing protocols, chemical formulations, and application procedures specifically designed for the effective removal of water-borne deposit materials.

Mr. Miller has worked with regulatory agencies at the national, state, and local level to secure certifications and acceptance of chemical formulations and application procedures for well rehabilitation and development.