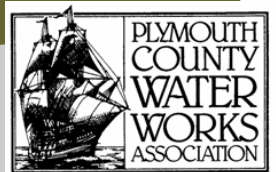


Course ID No.
DWT-2009-23-DIR

Microbial Testing for Water Suppliers

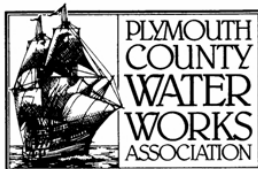


April 30, 2009

**10:00 a.m.—12:00 noon
Analytical Balance Corp.
422 West Grove St.
Middleboro, MA**

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

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



417 Bay Road
South Easton, MA 02375

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

**Microbial Testing for Water Suppliers
COURSE ID NO. DWT-2009-23-DIR
April 30, 2009
10:00 a.m.—12:00 noon**

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 Size is 70 people, we encourage people who may benefit from the information but may not require the TCHs to participate.

TO REGISTER FOR THIS COURSE PLEASE VISIT

www.pcwwa.org/training

Seminar Description
DWT-2009-23-DIR
2.0 TCH

This 2 hour course is designed to provide Water Suppliers with up to date information on Microbial Testing

Micro Testing for Compliance

- SDWA and CWA: A brief history of regulatory policy and how we have arrived at the current policies.
- Policies, politics and science made manifest.
 - ◊ TCR
 - ◊ LT2
 - ◊ GWR

Micro Methodologies

- Specific methods
 - ◊ Membrane filtration
 - * Ec w/mug vs Na w/mug
 - ◊ Chromogenic substrate
 - * colisure vs. colilert
 - * Quanti-Tray
 - ◊ Simultaneous detection (EPA 1604)
- Biofilms
- Application of methods to rules

- Methods pros and cons
- Presence/absence vs. enumeration (quantification)

Compliance Reporting

- Routine reporting
 - ◊ Paper reporting
 - ◊ eDEP

Other Micro Testing

- MCLs and exceedances
- Recreational
 - ◊ Fresh waters
 - ◊ Salt waters
 - ◊ Pools
 - ◊ Spas
- Boards of Health
 - ◊ Private drinking water
- New Mains
 - ◊ Coliform
 - ◊ HPC
 - ◊ Background

Cost:

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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 or call Leanne Monaghan, 508-946-2225

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

Attendance Requirement:

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

Registration:

To register, please visit:



**ON-LINE
REGISTRATION
ONLY**

www.pcwwa.org/education

Speakers

Timothy A. Begley
Vice-President/Laboratory Manager
Analytical Balance Corp.

Leanne M. Monaghan
Client Services Manager
Analytical Balance Corp.

HOW WILL THIS COURSE MEET THE NEEDS OF A CERTIFIED PUBLIC WATER SUPPLY OPERATOR?

This course will serve at least two purposes:

1. By virtue of the general discussion regarding the history and development of the public policies that define and govern the various programs, the operator will have a better understanding and sense of purpose as to why there are certain/specific regulations.
2. The operator will be exposed to detailed laboratory microbiological methodologies and techniques that will provide for a greater understanding of the science involved with his testing requirements and needs.

WHAT WILL HE OR SHE LEARN?

He or she will learn that their "day to day" activities are very important and that the execution of these responsibilities are critical in order to provide for safe, clean and affordable drinking water to the public.