

AWWA NJ Presents

Jar Testing

September 10, 2009

5.0 TCHs for Water & Wastewater
02-070902-30



The American Water Works Association New Jersey (AWWA NJ) Section invites you to attend a seminar sponsored by the AWWA NJ Section Education and Professional Development Committee "Introduction to Jar Testing for Water Treatment" will be held at New Jersey American Water Company's Raritan Millstone Water Treatment Plant. This seminar will focus around the processes involved with planning, performing and evaluating jar tests. The seminar will cover:

- Jar test theory
- Raw water sampling
- Maintenance of environmental conditions
- Setting test parameters
- Reagent preparation
- Chemical dosing
- Analytical testing
- Zeta potential
- Result interpretation

This course will be a "hands on" practical laboratory experience requiring the participants to perform their own jar tests. Jar test data will be tabulated and a discussion of the results will be conducted prior to the conclusion of the seminar.

Because there is a large hands on component to this seminar, class size will be restricted to facilitate student participation. Class size will be limited to the first 20 attendees who register. No on-site registration will be accepted.

Register Online at
www.njawwa.org

Agenda

8:30 am	Registration/Breakfast
9:00 am	Theory of Jar Testing
10:00 am	Reagent Prep; Chemical Sequencing; Mixing speeds
11:00 am	Conducting the test
11:45 am	Readings & adjustments
1:00 pm	Data analysis & evaluation
2:00 pm	Zeta Potential
2:30 pm	Hands-on Zeta demo
3:00 pm	Adjourn

Approved for 5.0 TCH's (water & wastewater)

Cost: \$60 (AWWA Members) \$75 (nonmembers) – includes continental breakfast, lunch, and all course handouts

Register online at www.njawwa.org

Contact Oleg Kostin for more information about this seminar (732-302-3125) or oleg.kostin@amwater.com

Seminar Location:

NJ American Water Raritan Millstone Plant
Chimney Rock Road South
Bridgewater, NJ 08807
732-302-3195 Or 732-302-3199