



Important Operator Training Announcement

Wastewater Microbiology

*Sponsored by
Granite State Rural Water Association*

- Date:** Thursday, **Nov 5th**, 2009 (Hinsdale Fire Station, Hinsdale NH)
- Time:** Course: 8:30 AM to 2:30 PM. (Registration: 8:00 AM)
- Credit:** 5.0 TCH will be awarded to those who attend 100% of the course.
- Cost:** Due to government support secured by GSRWA, your cost is reduced to \$50.
- Registration:** Send payment to GSRWA for full amount at least 10 days prior to training date. Seating is limited, so register early. Please no walk-ins.
- Instructor:** Michael Ackerman (MA DEP)
- Agenda:** This course has been designed to provide entry-level microbiology material and introduce the types of microorganisms such as bacteria, protozoa and metazoa. Discussion will include environmental factors that affect their growth and reproduction, explanation of aerobic, anaerobic, nitrification, bacterial growth and respiration, and microscopic examination including selection and use of microscope and procedures for sample examination. Extensive hands-on identification of organisms found in activated sludge will be included, along with a discussion of microscopic examination as a process control tool. Students should bring a small sample of mixed liquor from the effluent end of the aeration tank. The sample needs to be chilled if it is stored more than a few hours to preserve the microorganisms. Sample is not a requirement of the course.

This program is supported with funding from the USDA.

GSRWA is a nonprofit association of water and wastewater systems in New Hampshire. We provide training, planning and onsite technical assistance to help systems protect public health and the environment. Contact us today for help and advice you can rely on.

Pre-registration is required for all training courses. To reserve your slot for this course, submit payment and a completed registration form to the address below. Your cancelled check is your confirmation of registration; you will only be notified if the class is cancelled.

Granite State Rural Water Association
322 Village St
Penacook NH 03303
Phone: 603-753-4055
Fax: 603-753-0031
Email: info@gsrwa.com
Web: www.gsrwa.com

*To check out our most recent training schedule, visit us online at:
www.gsrwa.com.*

Course Cost = \$50

GSRWA Class Registration Form

Course: Wastewater Microbiology

Date: _____

Attendee(s): _____

Business/Facility: _____

Address: _____

City, State, Zip: _____

Phone: () _____

E-mail: _____

Payment: \$ _____ GSRWA Member: Y ___ N ___

Comments: