



*\*Important Operator Training Announcement\**

# Hydrant Flow Testing & Flushing

Sponsored by:  
**Granite State Rural Water Association**

- Dates:** October 22, 2009: Milford Police Dept., 19 Garden St., Milford, NH  
November 3, 2009: W&S District, 227 Old N. Main St., Plymouth, NH
- Time:** 8:00 AM – 3:30 PM (*registration begins at 7:45 AM*)
- Credit:** 6 TCHs will be awarded to those who attend 100% of the course.
- Cost:** \$10 for course materials. Actual training is free of charge. This course is valued at ~\$180 but due to grant funding secured by GSRWA we are able to provide this training for you at a significantly reduced cost. An optional lunch will be provided upon request for an additional \$10.
- Registration:** Complete form and send to GSRWA with check for full amount at least 10 days prior to the class. Seating is limited; please register early. No walk-ins, please.
- Instructors:** *Scott Clang & Jay Matuszewski, GSRWA*
- Agenda:** This class provides an overview of effective hydrant flow testing and flushing techniques for distribution system operators. Many lives may depend on these the correct application of these techniques. A combination of classroom and field presentations will be used to demonstrate how these practices can be used to understand hydrant capacity and distribution system health, as well as reduce water system liability and improve public confidence. Topics will include:
- (1) Frequency of testing and flushing
  - (2) Pre-field evaluation (field versus theory) and field checklists
  - (3) Hydraulics (pressure/flow conversion, friction loss, etc.)
  - (4) Working with diffusers, gauges, pitot tubes, etc.
  - (5) Hydrant operation and maintenance programs
  - (6) Communication with consumers and fire departments
  - (7) Safety considerations, including traffic control/property damage
  - (8) Benefits of automation and free testing software
  - (9) Water quality impacts and issues.

*This program is generously supported with funds from **USEPA & USDA-RD.***

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](http://www.gsrwa.com).*

<b>Course Cost (\$)</b>		
<b>Materials Fee</b>	<b>Lunch (Optional)</b>	<b>Total w/Optional Lunch</b>
\$10	\$10	\$20

## GSRWA Class Registration Form

Course: Hydrant Flow Testing & Flushing

Date: \_\_\_\_\_

Attendee(s): \_\_\_\_\_

Business/Facility: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone: (     ) \_\_\_\_\_

E-mail: \_\_\_\_\_

Payment: \$ \_\_\_\_\_                      GSRWA Member: Y \_\_\_ N \_\_\_

Comments: \_\_\_\_\_