



# Chlorine Analysis for Drinking Water and Wastewater

Are you suffering from questionable chlorine results? Chlorine is the most popular disinfectant used in drinking water and wastewater applications but measuring it comes with a unique set of challenges. This course reviews the best practices for collecting grab samples for analysis, proper techniques for measuring free and total chlorine, troubleshooting common issues, and verifying instrument accuracy using standards.

October 23, 2019

Time: 12:30 pm to 4:30 pm

Richard Alden Training Center  
Nippnapp Trail  
Millbury, MA

Cost - \$150

4 TCHs will be awarded  
Students must attend the entire training session and participate in lab activities to receive credit

Registration 12:00 pm  
Seating limited to 26



### Learner Outcomes:

- Understand the fundamental lab skills necessary for chlorine analysis
- Hands on laboratory activities

**Level: Beginner to Intermediate; working knowledge of subject matter**



**Hands On:** Nothing gives you more confidence in your water analysis technique than experiencing the process with hands-on experience learning



**Relevant:** After a Hach training, you will come away with skills and knowledge that is relevant to your job duties while maintaining your professional licenses.



**Experienced:** Only with Hach Training will you benefit from Hach's knowledgeable and experienced trainers with insight into emerging trends and tech-

**Course:** Chlorine Analysis for Drinking Water and Wastewater

Attendee: \_\_\_\_\_

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

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

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

Phone: ( ) \_\_\_\_\_ E-mail: \_\_\_\_\_

Payment: \$ \_\_\_\_\_ Course Cost : \$150.00

MWPCA Membership #: \_\_\_\_\_

MWWA Membership #: \_\_\_\_\_

**Credit Card Payment ? Fill out form on page 2 please**

**PO Number** \_\_\_\_\_

**Registration:** Send check or cc payment to MWPCA for full amount at least 7 days prior to training date. Seating is limited, register early.

**Send forms to:** MWPCA, PO Box 561, Monson, MA 01057 or Fax: 774-670-9956 (checks payable to MWPCA)

**Confirmations:** Will be emailed

**Questions:** Mickey Nowak at 774-276-9722

# Richard Alden Training Center, Millbury MA

## DIRECTIONS:

The Richard Alden Training Center is located in Millbury, MA on Route 20 approximately 1/4 mile West from the intersection of Routes 20 and 146. The facility is located on the grounds of the Upper Blackstone Water Pollution Abatement District (UBWPAD).

From the MA Pike Exit 10A:

1. Go left at first set of lights.
2. Go straight at the next set of lights.
3. Left at next set of lights on to Route 20 west.
4. Right on the next set of lights on to Nippnapp Trail.
5. Take the first right off Nippnapp Trail
6. Trainees should park in the lot outside of the entrance gate..
7. Walk through the gate and proceed straight ahead to the Alden Training Center (Blue / Brick Building).

From Rte 146 North or South:

1. Take Route 20 west.
2. Right on the set of lights at Nippnapp Trail.
3. Take the first right off Nippnapp Trail
4. Trainees should park in the lot outside of the entrance gate..
5. Walk through the gate and proceed straight ahead to the Alden Training Center (Blue / Brick Building).

**Using a GPS device? enter the address  
7 Nippnapp Trail, Worcester, MA.**

**After turning into the entrance of the plant from Nippnapp Trail, the Training Center parking lot will be your first left before the security gate. There is a pedestrian walkway out of the parking lot leading to the Training Center.**



**Paying with a Credit Card?**

**Card Number** \_\_\_\_\_

**Expiration (MM/YY)** \_\_\_\_\_

**CCV Number** \_\_\_\_\_

**Billing Address Zip Code** \_\_\_\_\_