

June 2, 2020:

#6970 - Laboratory Skills for Water and Wastewater Operators

6.5 WATER & WASTEWATER CONTACT HOURS

This class is designed to focus on the laboratory technology while referencing corresponding online/process instrumentation where applicable. The topics of colorimetry/spectrophotometry, pH, dissolved oxygen, and nutrients determinations will be discussed and then applied in a hands-on format. Class discussions will address functionality of the technology, instrument calibration and maintenance, and measurement techniques. Class time will combine lecture, demonstration and hands-on practice with instrumentation calibration techniques.

Topics to be Covered:

- 5 Steps of Analysis Disinfection
- Chlorine test, Chlorination, & Chloramination Disinfection Lab
- pH Read TN/TP samples Dissolved Oxygen

June 3, 2020:

#4125 - Process Instrumentation Verification for W & WW

6 WATER & WASTEWATER CONTACT HOURS

The focus of this seminar is for water quality measurements in Water and wastewater plants. Presentations covered in the class include colorimetric analysis, chlorine analysis, pH, and dissolved oxygen in water and wastewater. Parameters measured by the attendee will be free and total chlorine, pH, and dissolved oxygen. Time will be spent on the proper use of standards and verification of accuracy. Attendees will verify the performance of a Chlorine analyzer and calibrate and verify process pH and Dissolved Oxygen probes. The course objectives will be met by presenting theory, incorporating practical applications of analytical techniques, and "hands-on" experience with each parameter.

Topics to be Covered:

- Dissolved Oxygen
- Colorimetry

**Ramada Greensburg
100 Ramada Inn Drive
Greensburg, PA 15601
*Westmoreland County***

Class Time: 8:00 am - 4:00 pm
Registration: 7:30 am

*Lunch and materials provided
with your registration*

Instructor: Alex Rossman

Questions?
Call 800-653-7792 ext. 107 or 108
Or email: Training@PRWA.com
WE HOPE TO SEE YOU THERE!

THE PRWA PROMISE

If you're not 100% satisfied with the training class for any reason, we will give you a refund!

WWW.PRWA.COM/PROMISE

Registration Form

6/2/2020 - #6970 - Laboratory Skills for Water and Wastewater Operators
 6/3/2020 - #4125 Process Instrumentation Verification for W & WW

Location:
Ramada Greensburg
100 Ramada Inn Drive
Greensburg, PA 15601
Westmoreland County

Attendance cost per person:

\$195 per day for PRWA Members
\$230 per day for Non-Members

PRWA Member? Yes No

Name: _____ PA-DEP Client ID (if applicable): _____

System/Company: _____ Phone: _____

Address: Home System Fax: _____

City: _____ State: _____ Zip: _____ Email: _____

PAYMENT:

Check (payable to PRWA)

Invoice Me: Home System

Credit Card: AmEx Discover Visa MasterCard

Card Number: _____

Exp Date (mm/yy): _____ CVC (3 or 4 Digit # on card): _____

Name on Card (Please print): _____

Signature: _____

Amount Due:
\$ _____

To register by FAX or MAIL:

FAX: 814-353-9341

MAIL: 138 W. Bishop St., Bellefonte PA 16823

EMAIL: TRAINING@PRWA.COM

EMAILING REGISTRATIONS: EMAIL IS INHERENTLY INSECURE. CREDIT CARD INFORMATION SHOULD NOT BE EMAILED OR SENT IN AN ATTACHMENT.

Questions?

Call 800-653-7792 ext. 107 or 108

MEET THE INSTRUCTOR



Alex Rossman

Alex Rossmann has over 5 years experience at Hach across multiple positions and is now a technical instructor at the Hach technical training center. Previous to Hach, Alex has experience working with the water consortium in Charleston, SC, as well as multiple technical fields. He holds a bachelor's degree in Conservation Biology/Environment and Natural Resources from Clemson University.

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pa rural water
Association

138 West Bishop Street
Bellefonte, PA 16823
800-653-7792

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TWO SEMINARS TO CHOOSE FROM!

June 2, 2020

Laboratory Skills for Water and
Wastewater Operators

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CONTACT HOURS**



**Ramada Greensburg
Westmoreland County**

June 3, 2020

Process Instrumentation
Verification for W & WW

**6 WATER AND WASTEWATER
CONTACT HOURS**

pa rural water
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