

#145

Wastewater Jar Testing: Coagulation & Sedimentation

6 WASTEWATER CONTACT HOURS

The activated sludge jar test is designed to measure the impact of polymer addition on both settleability and solids capture in a secondary clarifier. The clarification of wastewater for the settling of activated sludge biomass and the removal of suspended solids can be a complex process requiring the controlled addition of several chemicals to obtain optimum results. During this course participants will review the proper math calculations needed to be able to prepare stock solutions and perform jar tests. Also, the course includes several hands-on breakouts that will enable the participants to prepare stock solutions and perform jar tests using activated sludge. A brief lecture will be given to teach how flocculants and coagulants impact both the settling ability and the solids capture in a wastewater treatment facility. Finally, the course will show the complex process that is involved with the removal of suspended solids within a waste stream.

Topics to be covered:

- Math review/ refresher
- Prepare stock solutions
- Review jar test procedure

September 25, 2019

Hotel Anthracite
25 South Main Street
Carbondale, PA 18407
Lackawanna County

Class Time: 8:00 am - 3:30 pm
Registration: 7:30 am

*Lunch and materials provided
with your registration*

Instructor: Tom Goehring
Wastewater Technician

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

Attendance cost per person:
\$95 for PRWA Members
\$130 for Non-Members

PRWA Member? Yes No

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

System/Company: _____ Phone: _____

Address: Home System
City _____ State: _____ Zip: _____ Email: _____

Fax: _____

PAYMENT:

Check (payable to PRWA)

Invoice Me: Home System

Credit Card: AmEx Discover Visa MasterCard

Card Number: _____

Exp Date (mm/yy): _____ CVC (3or4Digit#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

September 25, 2019

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Coagulation & Sedimentation**

Location:

*Hotel Anthracite
25 South Main Street
Carbondale, PA 18407
Lackawanna County*

Signature shown on card

MEET THE INSTRUCTOR



Tom Goehring
Wastewater Technician

Tom is a Wastewater Technician. Tom started in the wastewater field in 1994 performing plant operations, laboratory DMR and process control testing, and collection system management until 2008. He then began work with the State of West Virginia assisting utilities with proper managerial and financial procedures until he returned to Pennsylvania and joined PRWA as a wastewater technician in 2013. He currently holds a Class A wastewater license in Pennsylvania and a Class IV wastewater license in West Virginia.

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**Hotel Anthracite
Lackawanna County**

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pa rural water
Association

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