

**#869**  
**Aerobic Digestion**

**#8090**  
**Let's Clarify Clarifiers in Wastewater Treatment**

**6 WASTEWATER CONTACT HOURS**

**Aerobic Digestion:** This class covers the theory of an aerobic digester including proper biological balances. The components and physical elements of the digestion process are outlined, as are the operational controls and process considerations for successful operation of an aerobic digester.

**Let's Clarify Clarifiers in Wastewater Treatment:** This course will help operators understand the various types of Clarifiers and how they operate as an integral part of the Wastewater Treatment system. Hydraulic Design Principles and Solids Loading Principals will be explained but more importantly how the Clarifier must be operated to stay within those principals will also be shown. Clarifiers as an essential part of the Activated Sludge Process will be shown and key process parameters affecting Clarifier operation will be discussed in detail. Clarifier effects on downstream operations such as disinfection, filtration and Sludge Digestion will be covered. Control parameters and tests to monitor Clarifier performance will be introduced and explained. Measurements such as SVI, MLSS, F:M will be practiced and applied to Clarifier Operation. The course will be specifically geared to making the operator understand the day to day adjustments of running a Clarifier. Theory be "damned" !

**Topics to be covered:**

- Process Theory
- Digester Components
- Digester Operation & Maintenance
- Essential Functions of Clarifiers
- Loading Types of Clarifiers

**August 22, 2019**

**Park Inn by Radisson Sharon**  
3377 New Castle Road  
West Middlesex, PA 16159  
**Mercer County**

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

*Lunch and materials provided  
with your registration*

**Instructor: Ed Pietroski**

**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**

Location:

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**Attendance cost per person:**

\$120 for PRWA Members

\$155 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: \_\_\_\_\_

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.

Amount Due: \$ \_\_\_\_\_

**Questions?**

Call 800-653-7792 ext. 107 or 108

Signature shown on card

## MEET THE INSTRUCTOR



**Ed Pietroski**

Ed has a BS in Water Resources Engineering from Penn State University, Capital Campus. Ed has over 40 years experience in the design, construction, and operation of wastewater treatment facilities for both municipal and industrial clients. Ed has trained wastewater operators for approximately 25 years as an instructor for the PA Department of Community Affairs, The Penn State University Cooperative Education Service, and the Pa Rural Water Association.

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## Aerobic Digestion

**Let's Clarify Clarifiers in  
Wastewater Treatment**



**August 22, 2019**

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*Mercer County***

For the most up to date information, check out:

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Also, find us on social media.

Search: Pa Rural Water

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**pa rural water**  
*Association*

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