

# #7391 Intermediate Applied Math for Drinking Water & Wastewater Part 2

## 6 WATER & WASTEWATER CONTACT HOURS

Operators are required to complete various math calculations to assist in operations within a treatment facility. This course reviews calculations required during the operation of a water & wastewater treatment facility.

### Topics to be Covered:

- Detention Time
- Contact Time
- Filter Capacity
- Loading Rates
- Pressure
- Head
- Horsepower
- F/M
- Sludge Age
- Solids Retention Time
- Loading Rates
- Geometric Mean
- Sludge Volume.

# May 21, 2020

**Ramada by Wyndham**  
7195 Eastwood Drive  
Beaver Falls, PA 15010  
**Beaver County**

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

**Registration:** 7:30 am

*Lunch and materials provided  
with your registration*

**Instructor: Wendy Malehorn**  
*Training & Education Development*

### 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 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: \_\_\_\_\_

**May 21, 2020**

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Drinking Water & Wastewater Part 2**

### Location:

**Ramada by Wyndham**  
7195 Eastwood Drive  
Beaver Falls, PA 15010  
**Beaver County**

**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

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

*Signature shown on card*

## MEET THE INSTRUCTOR




**Wendy Malehorn**

*Training & Education  
Development*

Wendy is a Training & Education Development Specialist. Wendy has worked in the water industry since 1997, when she became a licensed water operator. Wendy experience comes from being a trainer for PRWA, PA DEP and Penn State as well as hands on experience with various local systems, including small system in Snyder County. Wendy holds a B.S. in Public Health with a concentration in Environmental Health from West Chester University.

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**May 21, 2020**

**Ramada by Wyndham  
Beaver County**

For the most up to date information, check out:

**WWW.PRWA.COM**

Also, find us on social media.

Search: Pa Rural Water

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**twitter** **Google Drive** **flickr**

**pa rural water**  
*Association*

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

**WWW.PRWA.COM**

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**pa rural water**  
*Association*