

**#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.

*\*Please bring a calculator with you to this seminar.*

**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

**Important!**

**Face Coverings are required by all attendees at PRWA training seminars.**

*Prior Authorization is required by our office if you are unable to wear a Face Covering.*

**November 10, 2020**

**Middlesex Township  
Municipal Authority  
350 North Middlesex Road  
Carlisle, PA 17013  
*Cumberland 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): \_\_\_\_\_

Card Billing Zipcode: \_\_\_\_\_

Name On Card (please print): \_\_\_\_\_

Signature: \_\_\_\_\_ Signature shown on card

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Drinking Water & Wastewater Part 2**

**Location:**

**Middlesex Township Municipal Authority  
350 North Middlesex Road  
Carlisle, PA 17013  
Cumberland 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.

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

**Questions?**

Call (800) 653-7792 ext. 107 or 108

## 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's 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.

PRSR STD  
U.S. POSTAGE  
PAID  
BELLEFONTE, PA  
PERMIT NO. 196

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**November 10, 2020**

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Municipal Authority  
Cumberland 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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**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*