

**For more information on training, visit  
our website at:  
[www.nyruralwater.org](http://www.nyruralwater.org)**

OBJECTIVE: Attendees will learn basic Math skills and how to apply them to operations of water and wastewater treatment facilities. The course is designed to help new operators or those who need a refresher to brush up on Math. Basic calculations of area, linear and volume measurements, along with hydraulic flows and detention times will be stressed.

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***LIMITED ATTENDANCE***

***- 20 -***

Please pre-register as soon as possible

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Register by fax or mail only to:

**NEW YORK RURAL WATER  
ASSOCIATION**

P.O. Box 487  
Claverack, NY 12513  
Fax: (518) 828-0582  
Phone: (518) 828-3155  
for more information



**WATER/WASTEWATER  
TRAINING SESSION**

***BASIC  
MATH***

**Date: November 8, 2018**

**Location: Seneca Falls Parks & Rec.  
35 Water Str  
Seneca Falls, NY 13148**

**FOR: Seneca, Schuyler, Yates, Ontario,  
Wayne, Cayuga and Tompkins counties.**

# BASIC MATH

November 8, 2018

## MORNING SESSION

7:30 – 8:00 am REGISTRATION

8:00 – 12:00 noon

### **Welcome and Opening Comments**

Jamie Herman, NYRWA

## **MATH BASICS**

- you will learn how to determine circumference, radius, diameter, area, linear and volume measurements, cubic feet and gallons to cubic feet.

## **HYDRAULICS**

- we will discuss calculating flows, and how to determine detention times.

NYS DOH/DEC is expected to grant 6.0 contact hours toward recertification.

**NO HOURS FOR PARTIAL ATTENDANCE**

**Please Note** – If you wish to cancel your registration for this session, you must do so within 3 business days prior to the session to receive a refund. Otherwise, you will be responsible for payment.

## AFTERNOON SESSION

12:00 – 1:00 pm Lunch

1:00 – 3:30 pm

- calculating percentages
- determine pressure and head

## **DOSAGE RATES**

- convert lbs. to MGD
- how to use the pounds formula
- using formulas in operations

3:30 **Closing Remarks/Certificates**

Is your utility / organization a member of the New York Rural Water Association? If not, you should consider joining the over 1400 that are, and share in the benefits! For more information, please call (518) 828-3155.

**Speaker for this session:**  
Jamie Herman, NYRWA

*PLEASE DETACH AND RETURN  
PRIOR TO November 1, 2018*

## **PRE-REGISTRATION FORM**

**November 8, 2018**

*Seneca Falls, NY*

All information MUST be filled out.  
(Please use a separate form for each attendee)

### Personal Information

Name: \_\_\_\_\_

Home Address: \_\_\_\_\_  
\_\_\_\_\_

DOH Cert.# \_\_\_\_\_ DEC Cert.# \_\_\_\_\_

System: \_\_\_\_\_

County: \_\_\_\_\_ Phone: \_\_\_\_\_

*e-mail address:* \_\_\_\_\_

Member of NYRWA YES or NO

SPDES# \_\_\_\_\_ PWSID# \_\_\_\_\_

Billing Information \_\_\_ same as above

System/Company Name: \_\_\_\_\_

Billing Address: \_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_

**SESSION FEE: \$ 20.00**

*(includes facility fees and cost of meals)*

**Send registration form to:**

New York Rural Water Association  
PO Box 487 - Claverack, NY 12513  
or fax: (518) 828-0582