

PLEASE RETURN BY August 12, 2017

PRE-REGISTRATION FORM

August 22,23,24 - Cortland, 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/Co. Name: _____

Billing Address: _____

Phone: _____

NO FEE FOR THIS 3-DAY SESSION

No partial attendance will be allowed!

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

For more information on training, visit
our website at:
www.nyruralwater.org

*This training is provided as part
of the resolution of an enforce-
ment matter brought by the NYS
DEC for applicable violations.*

LIMITED ATTENDANCE

- 25 -

Please pre-register as soon as possible

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



WASTEWATER
TRAINING SESSION

Activated Sludge Troubleshooting

Date: August 22 - 24, 2017

Location: W2O Training Group
131 Port Watson Str.
Cortland, NY 13045
For Directions: (607) 753-1477

FOR: Cortland, Onondaga, Madison,
Chenango, Broome, Tioga, Tompkins
and Cayuga counties.

Activated Sludge Troubleshooting

August 22, 23 and 24, 2017

DAY 2

7:00 – 7:15 am Registration/Handouts

7:15 – 7:30 am Day 1 discussion / Q & A

7:30 – 8:45 am **Field Exercise setup/travel**
Parameter review, team assignments,
objectives

8:45 – 11:45 am **Cortland WWTP**
Sample stations, data collection,
lab analysis

11:45 - 12:00 Travel

12:00 – 12:30 pm LUNCH

12:30 – 1:45 pm **Observation**
Discussion and Recommendations

2:00 – 4:30 pm **Nutrient Removal**
Biological and chemical

DAY 3

7:00 – 7:15 am Registration/Handouts

7:15 – 7:30 am Day 2 discussion / Q & A

7:30 – 10:00 am **Troubleshooting**
Activated Sludge
Bulking, foaming, filament ID and control

10:15 – 12:00 **Anaerobic Digestion**

12:00 – 12:30 pm LUNCH

12:30 – 1:45 pm **Supervisory / Management**
Communication, SOPs, data trending
and use

2:00 – 4:30 pm **SUMMARY**
Quiz, answer review and discussion

Speaker for this session

Yvonne Tucker
Wastewater Trainer/Technician
New York Rural Water Association

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DAY 1

7:00 – 7:15 am Registration/Handouts

7:15 – 7:30 am Intro. Goals /Objectives

7:30 – 10:00 am **Activated Sludge Overview**
Definitions, fundamentals, microorganisms

10:15 – 12:00 **Process Modifications**
Mass balance, solids separation, clarifiers

12:00 - 12:30 pm LUNCH

12:30 – 1:30 pm **Process Control**
D.O. aeration, return activated sludge,
waste activated sludge

2:00 – 4:30 pm **Process Monitoring**
Solids concentration, sludge settling,
blanket depth, microscope

NYS DEC is expected to grant 24.0 contact hours toward recertification for this 3 – day training session.
NO PARTIAL ATTENDANCE ALLOWED!

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.