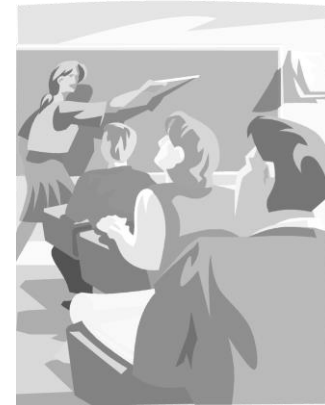


# Wisconsin Rural Water Association

*Presents*

## **WASTEWATER OPERATOR CERTIFICATION TRAINING**



**April 15-18, 2019**

**WRWA Technology Center  
351 Water Way  
Plover, WI**

## HOTEL INFORMATION

AmericInn

1501 American Drive, Plover  
Phone: (715) 342-1244

Comfort Inn

1560 American Drive, Plover  
Phone: (715) 342-0400

Best Western

5253 Harding Avenue, Plover  
Phone: (715) 544-6200

***WRWA Group Rates Available***

Visit the WRWA website for site location map  
and future training at [www.wrwa.org](http://www.wrwa.org).

WRWA will offer wastewater operator training for the new operator and the experienced operator looking to upgrade their license. These courses will enable the operator to pass the introduction operator exams held this spring, and operators will learn about processes in their treatment plants.

**Basic General Wastewater and Collection Systems**

April 15, 2019 (8:00 am- 3:00 pm)  
(6 CEC's for Certified Operators)

- Terminology
- Influent Wastewater
- Wastewater Treatment
- Biosolids/Sludge - Processing, Handling, and Land Application
- Effluent Discharge
- Safety and Regulations
- Collection Systems

**Biological Treatment - Suspended Growth Processes, Attached Growth and Ponds**

April 16, 2019 (8:00 am – 3:00 pm)  
(6 CEC's for Certified Operators)

- Theory and Principles
- Operation and Maintenance
- Monitoring, Process Control, and Troubleshooting
- Safety and Regulations

**Basic Laboratory and Sludge Handling**

April 17, 2019 (8:00 am – 3:00 pm)  
(6 CEC's for Certified Operators)

- Sampling
- Lab Equipment
- General Lab Practices
- BOD
- TSS
- Total Phosphorus
- Ammonia
- Total Residual Chlorine QA/QC
- Principles of Mechanical Sludge handling
- Structure and Function
- Operation
- Maintenance

**Disinfection, Nutrient Removal, Solids Separation**

April 18, 2019 (8:00 am – 3:00 pm)  
( 6 CEC's for Certified Operators)

- Chlorination Theory & Principles
- Ultraviolet Theory & Principles
- Chemical Removal Theory & Principles
- Operation & Maintenance
- Monitoring, Process Control & Troubleshooting
- Safety & Regulations
- Calculations
- Clarifiers, membranes, filters, tertiary phosphorus removal, etc.

**INSTRUCTOR:** Kay Curtin, Jesse Hass  
(WRWA)



**PLEASE BRING  
PRINTED STUDY GUIDES**

**Complete the form below**

**Basic General Wastewater and Collection Systems**

\_\_April 15, 2019  
\_\_\$100 Member \_\_\$125 Non-Member

**Biological Treatment-Suspended Growth, Attached Growth, Ponds**

\_\_April 16, 2019  
\_\_\$100 Member \_\_\$125 Non-Member

**Basic Laboratory, Sludge Handling**

\_\_April 17, 2019  
\_\_\$100 Member \_\_\$125 Non-Member

**Disinfection, Nutrient Removal, Solids Separation**

\_\_April 18, 2019  
\_\_\$100 Member \_\_\$125 Non-Member

Name \_\_\_\_\_

DNR Cert. No. \_\_\_\_\_

System \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

**Mail payment & form to:**

WRWA, 350 Water Way, Plover, WI 54467

**To Pay by credit card go to [www.wrwa.org](http://www.wrwa.org)**

(Visa, Discover, MasterCard, E-Check or Debit Only)

**Must fax form to (715) 344-5555 or Email**

**[wrwa@wrwa.org](mailto:wrwa@wrwa.org)**