

License Renewal Workshops

for Water & Wastewater
Operators



Tuesday, **March 13, 2018**
Wednesday, **March 14, 2018**

About the Workshops

The Workforce Development and Community Services Division of Southern State Community College is sponsoring two workshops to allow water and wastewater operators to **gain up to (12) Contact hours in just two days**. Choose one or both, according to what your schedule allows.

Both workshops will be held at:
Highland County Water Company
6686 U.S. Route 50
Hillsboro, Ohio 45133

PLEASE NOTE!

The Ohio EPA now requires all attendees to have their **Core Person ID Number with them to sign in on the day of attendance**. Certification of attendance to the Ohio EPA cannot be sent without this number.

Workshop hours each day are **8:30 a.m.- 4:00 p.m.**, with a continental breakfast, lunch, and break refreshments provided - all included with the cost of the workshop.

There are **three ways to register** for the workshops; by **mail, phone, or email**. Details are provided inside this brochure.

We hope you can take advantage of these **unique training opportunities**, and look forward to seeing you in class!

If registering by mail, please detach this form and mail to

SSCC
P.O. Box 880
Hillsboro, OH 45133

10 Best Kept Secrets to a Better Water/Wastewater Operations

Tuesday, March 13, 2018


8:30 a.m. – 4:00 p.m.


(6) Contact Hours – Course # ENRC 643 Z01
OEPA Approval - OEPA-B88253810-OM Both DW & WW


Instructor: Mike Harrington, C.E.T.


Description: This program explores ten unique little known “tools” one can use now to achieve a better process operations in treatment, distribution, or collection. Through superb computer slides and graphics, along with an interactive verbal presentation, learn why Temperature measurements may be your most measurement, why simple hypochlorite strength measurements are important, why portable ORP & Alkalinity testing can yield big wastewater monitoring dividends, how refining process tests for disinfection residuals, solids core-taking, and jar-testing can avoid violations. Learn why potable water corrosion management isn't just water chemistry. Explore simplified nutrient monitoring methods for process control. See what two key inexpensive tools are missing from most treatment plant tool-box

Learning Objectives: At the conclusion of this program, operators should be able to:

 Hypochlorite users will be the first to go back to their operations and begin monitoring Bleach strength after reviewing the information and simplified testing protocol presented here.

 Refine, simplify and enhance water/wastewater process monitoring by using uncomplicated testing protocol like ORP, Alkalinity, residuals testing, nutrient monitoring, and others.

 Know what two key tools to add to their maintenance tool box to enhance their maintenance programs.

 Know that corrosion in potable waters is much more than water chemistry like pH and alkalinity. One must take a much broader view.

21st Century Principles of Water/Wastewater Liquid Chlorination and De-Chlorination

Wednesday, March 14, 2018


8:30 a.m. – 4:00 p.m.


(6) Contact Hours – Course # ENRC 650 Z01
OEPA Approval- OEPA-B88265946-OM both DW & WW


Instructor: Mike Harrington, C.E.T.


Description: This program looks at the most common mistakes water/wastewater systems make using Hypochlorite and liquid based De-chlorinating agents. But it does much more....let's compare and contrast on-site generation, high strength versus low strength hypochlorite. We'll look at various Sulfite de-chlorination, Vitamin C, Hydrogen Peroxide, and other de-chlorinating methodologies. Learn why it's so important to measure delivered Hypochlorite/De-chlorinating agent strength and rates of deterioration. Become expert at measuring hypo and dechlorination agents via hydrometers, refractometers, and simple chemical tests. Learn how valuable simple pump dose calculations can be too minimize and maximize residuals. And why it's so important to verify all pump settings via routine calibrations.


Learning Objectives: At the conclusion of this program, operators should be able to:

 How to minimize & maximize disinfection & de-disinfection residuals

 How to measure concentrations of all liquid chemicals, verify delivery strength & rate of deterioration

 Remind operators that all Chemical additions have potential to leave two things behind: Residuals & By-products

 How to Calculate proper Hypochlorite/De-Chlorinating pump dose settings

 Basics of verifying chemical pump outputs routinely

Registration

Earn (6) Contact hours for each workshop!
Cost of each workshop is \$109 per person, which includes a light breakfast, lunch, and snacks each day. There are three ways to register for these workshops:

1 By mail – complete the inserted form and return it with your registration fee no later than **March 2**, to **SSCC, PO Box 880, Hillsboro OH 45133**. Checks should be made payable to Southern State Community College.

2 By phone – call 800.628.7722 x4684, and provide your credit card number.

3 By email - send an email containing your registration information to Kim Fitzpatrick at kfitzpatrick@sscc.edu.

Please Note: Online registration is currently unavailable for these workshops. Reservations can only be made by the methods listed above - by mail, phone, or email. We apologize for any inconveniences.

PLEASE NOTE!

The Ohio EPA now requires all attendees to have their **Core Person ID Number with them to sign in on the day of attendance**. Certification of attendance to the Ohio EPA cannot be sent without this number.

Cancellations must be received seven days prior to workshop date. For more information, please contact Russ Brewer at 937.695.9002.

WORKSHOP LOCATION

Both workshops will be held at:
Highland County Water Company
6686 U.S. Route 50
Hillsboro, Ohio 45133

Mail-In Registration Form

If you would like to register by mail, please complete this form and return it with your registration fee no later than **March 2**.

Cost of each workshop is \$109 per person, which includes a light breakfast, lunch & snacks each day.

PLEASE NOTE: The Ohio EPA now requires all attendees to have their **Core Person ID Number with them to sign in on the day of attendance**. Certification of attendance to the Ohio EPA cannot be sent without this number.

Send to: SSCC, PO Box 880, Hillsboro OH 45133. Checks should be made payable to Southern State Community College.

Name _____

Organization _____

Home Address _____

City _____

State _____ Zip _____

Phone _____

Email _____

DOB _____ Last 4 digits of SSN _____

Check box below and complete if information is different than above.

Billing information/address _____

I will be attending *10 Best Kept Secrets to a Better Water/Wastewater Operations* on 3/13/18 (Course #ENRC 643 Z01)

I will be attending *21st Century Principles of Water/Wastewater Liquid Chlorination and De-Chlorination* on 3/14/18 (Course # ENRC 650 Z01)