



**SOUTHERN STATE**  
COMMUNITY COLLEGE

# License Renewal Workshops

for Water & Wastewater  
Operators



Tuesday, **November 5, 2019**  
Wednesday, **November 6, 2019**



**SOUTHERN STATE**  
COMMUNITY COLLEGE  
100 Hobart Drive, Hillsboro, OH 45133

## 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:

**North Canton Dogwood Shelter**  
**241 7th St NE**  
**North Canton OH 44720**

### 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**

## True Confessions of a Water/Wastewater Operator

Tuesday, November 5, 2019

8:30 a.m. – 4:00 p.m.




(6) Contact Hours – Course # ENRC 6010 ZO1

OEPA Approval - OEPA-B88428140-OM Both DW & WW

**Instructor:** Mike Harrington, C.E.T.

**Description:** *OK, how did you set that initial chemical dose last year?* Through superb interactive graphics and vibrant animated presentation, the operator will explore the most common chemical dosing mistakes, like “All treatment chemical strengths never change”, “dosage adjustments are only needed when flow and demand change”, “delivered chemical product is always exactly as specified”. Chemical feed pump outputs never vary, simply..... “Set-it & forget it”, or “I need to monitor what in my water”? Let’s lift the veil related to chemical feed and see why chemical strength, pump calibration, product verification, and residual measurements are so important for process management and chemical resource conservation.

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

-  Remind operators about common (10) pitfalls and fallacies related to chemical feed
-  Offer real time solutions and suggestions to minimize these pitfalls and fallacies.
-  Review typical chemical pump selection techniques.

## WORKSHOP LOCATION

Both workshops will be held at:  
**North Canton Dogwood Shelter**  
241 7th St NE  
North Canton OH 44720

## Chasing the Thermal Demons From the Process

Wednesday, November 6, 2019

8:30 a.m. – 4:00 p.m.





(6) Contact Hours – ENRC 6360 ZO2

OEPA Approval - OEPA B88428121-OM Both DW & WW

**Instructor:** Mike Harrington, C.E.T.

**Description:** **Take what you know about how temperature affects your water/wastewater process, then be prepared to take a 21st century viewpoint. First, let’s review the various water/wastewater processes, and discuss the net effect temperature has on just about every facet of the plant. Next, we’ll take a look at the six most common apparatus used to measure temperature. Compare and contrast this apparatus to find the right measurement tool. Lest we forget, that all temperature measurement apparatus must be routinely and regularly calibrated, we review common calibration protocol demonstrating the typical 0° C DI ice and 100°C DI boiling water calibration process. See how important the NIST traceable reference is to accurate temperature measurements. Find out why proper documentation is the key to meeting most regulatory requirements. After taking this class, you will have a whole different perspective on the role temperature plays in the process.**

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

-  Remind operators that the most measured parameter is also the least regarded.
-  ALL Water/wastewater work tasks relate directly to temperature.
-  Learn the six most common temperature measurement apparatus, and how to compare and contrast features of each.
-  Understand the thermometer calibration and traceability protocol.

## Registration

Earn (6) Contact hours for each workshop!

**Cost of each workshop is \$125 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 **October 31**, 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 or purchase order number and billing address.

**3 By email** - send an email containing your registration information to Kim Fitzpatrick at [kfitzpatrick@sscc.edu](mailto: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 Kim Fitzpatrick at 800.628.7722 x4684.*

## 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 **October 31**.

**Cost of each workshop is \$125 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 *True Confessions of a Water/Wastewater Operator* on 11/5/19 (Course #ENRC 6010 ZO1 )

I will be attending *Chasing the Thermal Demons From the Process* on 11/6/19 (Course # ENRC 6360 ZO2 )

**LIMITED SPACE AVAILABLE,  
REGISTER EARLY**