



A 501(c)(3) non-profit organization

55th Annual Wastewater Workshop

*This valuable continuing education event is
intended for certified and non-certified
personnel*

**Wednesday, March 6, 2019
&
Thursday, March 7, 2019**

HELD AT:

DoubleTree by Hilton
175 Hutchinson Ave.
Columbus OH 43235

OPERATOR TRAINING COMMITTEE OF OHIO, INC.
3972 Indianola Avenue * Columbus, OH 43214
(614) 268-6826 * Fax (614) 268-3244
www.otco.org



2019 OTCO ANNUAL WORKSHOPS

Water Workshop: \$330

Water Contact Hours: 12.00
April 2 & 3, 2019 – DoubleTree by Hilton

Pretreatment & Wastewater Laboratory Workshop: \$170

Wastewater Contact Hours: 6.00
May 14, 2019 – Columbus, OH

Water Laboratory Workshop: \$170

Water Contact Hours: 6.00
May 15, 2019 – Columbus, OH

Class III/IV Workshop: \$330

Water/Wastewater Contact Hours: 12.00
July 30 & 31, 2019 – Mt. Sterling, Ohio

Compliance Workshop: \$330

Water/Wastewater Contact Hours: 12.00
October 16 & 17, 2019 – DoubleTree by Hilton

Water Distribution Workshop: \$330

Water Contact Hours: 12.00
November 5 & 6, 2019 – DoubleTree by Hilton

Procrastinator's Workshop: \$330

Water/Wastewater Contact Hours: 12.00
Dec. 10 & 11, 2019 – DoubleTree by Hilton

While at the workshop, visit OTCO's display booth regarding outreach effort on:

- On-site Training
- Regional Training
- Backflow Surveys
- Regional Training
- Asset Management
- Backflow Prevention
- High School Initiative
- GIS & GPS Technical Assistance

2019 OTCO REGIONAL WORKSHOPS

Marietta Wastewater Workshop

\$150/day \$275/both days
Wastewater Contact Hours: 6.00/12.00
March 27-28, 2019 – The Lafayette Hotel

Elyria Regional Workshop: \$150

Wastewater Contact Hours: 6.00/12.00
April 16, 2019 – Elyria WWPC

Wooster Regional Workshop: \$150

Wastewater Contact Hours: 6.00/12.00
May 22, 2019 – Wooster WWTP
September 18, 2019 – Wooster WWTP

Jefferson (Ashtabula County) Workshop

Wastewater Contact Hours: 6.00/12.00
September 25-26, 2019 – Ashtabula County

Warsaw Regional Workshop: \$150

Wastewater Contact Hours: 6.00/12.00
November 21, 2019 – Camp Warsaw Retreat Center

CONTACT HOURS

Contact Hours from these training events will be included in the attendee's official transcript page:

<https://www.otco.org/student-transcript.html>

To access this information, have your OTCO Student ID and PIN Number available.

OHIO EPA EBIZ

Contact hours from this event will be entered into your Ohio EPA Ebiz account.

WORKSHOP OVERVIEW

OTCO's Annual Wastewater Workshop presents information on the latest updates from the EPA regarding regulations on operations and operator certification. Public and private wastewater facilities, staff, and consultants present topics ranging from operations, water quality, plant maintenance, laboratory, management, and asset management.

The Wastewater Workshop can be utilized to fulfill the contact hour requirement for the following Ohio EPA Certified Operators:

- **Wastewater: Class A, I, II, III, & IV**
- **Wastewater Collection: Class I & II**

HOW TO REGISTER

Mail, fax, or email the completed application by **February 28, 2019** for the registration rate of \$320. A \$25 late fee may apply to registrations received after **February 28, 2019**. Once your application is processed, a confirmation is sent by fax or email.

REGISTER ON-LINE AT:

<https://www.otco.org/workshops.html>

PAYMENTS & CANCELLATIONS

OTCO accepts check or credit card as payment for this event. Purchase Order must accompany registrations in order to invoice your company.

Cancellations received in writing 5 days before the event will receive a full refund. Cancellations made five days – 24 hours before the event up to is subject to \$25 per day service charge. Substitutions are permitted; however, **NO REFUND FOR THOSE WHO REGISTER AND FAIL TO ATTEND.**

ACCOMMODATIONS

DoubleTree by Hilton
175 Hutchinson Ave * Columbus OH 43235
(614) 885-3334

Request the "OTCO Wastewater Workshop" for the \$83.00 per night room rate for this event. Room rates are subject to state and local taxes

Room rate expires February 19, 2019

Wastewater Workshop Agenda

7:30 am Registration Opens – Coffee & Pastries 8:00 am OTCO Welcome and Update – *Pat Antonelli*

WEDNESDAY, MARCH 6, 2019

- 8:15 am Ohio EPA Surface Water 2019 Update
OTCO-S13202-OM (0.75 hours)
Brian Hall, Assistant Chief
Ohio EPA, Division of Surface Water
- 9:00 am Ohio EPA Certification & Resiliency Update
OTCO-B13203-OM (0.75 hours)
Andy Barienbrock, Manager
Ohio EPA, Operations, Resiliency, & Certification
- 9:45 am BREAK
- 10:00 am EDMR Update and Ohio EPA GIS Interactive Demonstration
OTCO-S13204-OM (0.75 hours)
Robert Ward, Environmental Manager
Ohio EPA, Division of Surface Water
- 10:45 am Nutrient Mass Balance for Ohio Watersheds into Large Endpoints
OTCO-S13205-OM (0.75 hours)
Josh Griffin, Environmental Specialist
Ohio EPA, Division of Surface Water
- 11:30 am LUNCH (provided)
- 12:30 pm Ohio's Ethics Laws: What Public Employees Are/Aren't Allowed
OTCO-B13206-X (0.75 hours)
Susan Willeke, Education & Communications Admin
Ohio Ethics Commission
- 1:15 pm Flow Metering Basics
OTCO-S13207-OM (0.75 hours)
George Young, PE, MBA
Chesley Associates, Inc.
- 2:00 pm BREAK
- 2:15 pm SOUR - What can it Do for Me?
OTCO-S13208-OM (0.75 hours)
Dan Leavitt, Retired Class IV Wastewater Operator
Retired City of London
- 3:00 pm Growing Challenges of Modern Wastewater Pumping
OTCO-S13209-OM (0.75 hours)
Josh Mullins, Application Engineer
Buckeye Pumps, Inc.
- 3:45 pm Adjourn

TOTAL CONTACT HOURS: 6.00

THURSDAY, MARCH 7, 2019

- 8:15 am Hydrogen Sulfide Reduction Options
OTCO-S13210-OM (0.75 hours)
Amanda Shane, Water Treatment Sales Manager
Zinkan
- 9:00 am Chemical Phosphorus Removal
OTCO-S13211-OM (0.75 hours)
Amanda Shane, Water Treatment Sales Manager
Zinkan
- 9:45 am BREAK
- 10:00 am Electrical Equipment Refurbishment vs New – What is right for you
OTCO-B13212-OM (0.75 hours)
Roger Harris, Sr Project Manager/Electrical Engineer
Hatch
- 10:45 am Design Considerations for Dry Pits and Wet Pits
OTCO-S13213-OM (0.75 hours)
Larry Gaddis, Senior Engineering Manager
Black & Veatch
- 11:30 am LUNCH (provided)
- 12:30 pm Aeration Systems and Efficiency
OTCO-S13214-OM (0.75 hours)
Scott Phipps, PE, Senior Associate
Hazen & Sawyer
- 1:15 pm Advanced Process Control Systems
OTCO-S13215-OM (0.75 hours)
Scott Phipps, PE, Senior Associate
Hazen & Sawyer
- 2:00 pm BREAK
- 2:15 pm Anaerobic Digestion Optimization - Tips for the Operator
OTCO-S13216-OM (0.75 hours)
Mike Maringer, Manager Municipal Development
Quasar Energy Group
- 3:00 pm NFPA 70E – Electrical Safe Work Practice in the Workplace: We have our study, now what?
OTCO-B13217-X (0.75 hours)
Roger Harris, Sr Project Manager/Electrical Engineer
Hatch
- 3:45 pm Adjourn

TOTAL CONTACT HOURS: 6.00

OTCO REGISTRATION FORM

55th Annual Wastewater Workshop

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Register On-line at:

<https://www.otco.org/workshops.html>

Held At: DoubleTree by Hilton

175 Hutchinson Ave * Columbus, OH 43235

OTCO STUDENT ID #
FIRST NAME
LAST NAME
TITLE
EMPLOYER
ADDRESS (1)
ADDRESS (2)
CITY
STATE
ZIP
BUS. TELEPHONE () - EXT
FAX () - (for confirmations)
EMAIL ADDRESS
Please check & initial if information needs to be updated in OTCO Training Tracking System. <input type="checkbox"/>
Please check which day(s) you are registering for below:
<input type="checkbox"/> March 6 & 7 (both days): \$330 After 2/28/19 \$345
<input type="checkbox"/> March 6th Only: \$170 After 2/28/19 \$185
<input type="checkbox"/> March 7th Only: \$170 After 2/28/19 \$185
CHECK/MONEY ORDER / P.O. #
<input type="checkbox"/> Please invoice my company Charge to my credit card account: <input type="checkbox"/> Visa <input type="checkbox"/> MasterCard <input type="checkbox"/> Discover <input type="checkbox"/> AMEX
Billing Zip Code (For security purposes)
CARD NUMBER:
NAME ON CARD
EXP. DATE / CCV Code:
x _____ CARD HOLDER SIGNATURE

MAIL OR FAX THE COMPLETED FORM TO:

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