

*Annual*  
**Class III & IV Workshop**  
*for Water & Wastewater Operators*  
**Wednesday, July 25, 2018**  
&  
**Thursday, July 26, 2018**

HELD AT:



**DEER CREEK STATE PARK**  
**Lodge & Conference Center**  
22300 State Park Rd. 20  
Mt. Sterling OH 43143  
(740) 869-2020

**The Operator Training Committee of Ohio, Inc.**



3972 Indianola Avenue  
Columbus Ohio 43214  
(614) 268-6826 Office  
(614) 268-3244 Fax  
www.otco.org

**ACCOMMODATIONS**

The Class III & IV Workshop will be held at  
**Deer Creek State Park**  
**Lodge & Conference Center**  
22300 State Park Rd. 20  
Mt. Sterling OH 43143  
(740) 869-2020

Group Room Rate is \$94 **UNTIL JUNE 24, 2018**  
*Rates are subject to state and local taxes*  
*Request the Operator Training Committee of Ohio (OTCO)*  
*Workshop room rate for this event.*

**HOW TO REGISTER**

Mail, fax, or email the completed application by **July 18, 2018**, for the registration rate of **\$320**. A \$25 late fee may apply to registrations received after **July 18, 2018**. Once your application is processed, a confirmation is sent by fax or email.

REGISTER ON-LINE AT:

<https://www.otco.org/short-schools-workshops.html>

**PAYMENTS & CANCELLATIONS**

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

Cancellations received in writing (5) five days before the event will receive a full refund. Cancellations made (5) five days to (24) twenty-four hours before the event are subject to a \$25 service charge for each day's registration. Substitutions are permitted; however, **NO REFUND FOR THOSE WHO REGISTER AND FAIL TO ATTEND.**

**CONTACT HOURS**

Contact Hours from this training event will be included in the attendee's official transcript page, located at: <http://www.otco.org>

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

**WHO SHOULD ATTEND**

***All water & wastewater professionals welcome***

This annual workshop presents the latest updates from USEPA and Ohio EPA regarding regulations on operations & operator certification. Topics ranging from operations, maintenance, laboratory, management, water quality, and asset management are presented by public & private facilities staff and consultants

The Class III / IV 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 Systems: Class I & II**  
**Water: Class A, I, II, III, & IV**  
**Water Distribution: Class I & II**

This is a relaxed conference; feel free to wear casual professional summer clothing - Hawaiian Shirts Appreciated!

**OTCO WORKSHOP COORDINATOR**

**Jason Phillips** – NW-AWWA Trustee  
**Steve Elliott** – ORWA Wastewater  
**George Culver** – SE-Wastewater Professional

**EXHIBITOR & SPONSOR INFORMATION**

For information concerning exhibiting or sponsoring an event, please contact:

Erin Moore – [erin@otco.org](mailto:erin@otco.org)

**2018 OTCO WORKSHOPS**

**Compliance Workshop: \$320**  
Water/Wastewater Contact Hours: 12.00  
October 16 & 17, 2018– Columbus, Ohio  
**Water Distribution Workshop: \$320**  
Water Contact Hours: 12.00  
November 13 & 14, 2018 – Columbus, Ohio  
**Procrastinator's Workshop: \$320**  
Water/Wastewater Contact Hours: 12.00  
December 4 & 5, 2018 – Columbus, Ohio

WEDNESDAY, JULY 25, 2018

**DAY 1 – WATER/WASTEWATER AGENDA**

**6.0 CONTACT HOURS AVAILABLE**  
(Water & Wastewater)

- 10:45am Welcome and Updates
- 11:00am Operator Certification Resilience and Compliance      Andy Barienbrock, *Ohio EPA*
- 11:45am Avoiding Criminal or Civil Liability      Matt Dooley, *OMDP*
- 12:30pm Break
- 12:45pm Litigation Arising From the Construction of Water & Sewer Infrastructure      Matt Dooley, *OMDP*
- 1:30pm Project Management & Inspections      Jack Gaydar, *Avon Lake Regional Water*
- 2:15pm Break (Group Divides into Breakout Rooms)

**DAY 1 – WATER AGENDA**

- 2:30pm Flint Michigan Lead Activities Recap      Nick Pizzi, *Aqua Serv*
- 3:15pm Lake County East Plant - Pretreatment Units      Nick Pizzi, *Aqua Serv*
- 4:00pm Break
- 4:15pm EarthTec: Not all Copper is Created Equal      Paul Besenti, *Earth Science Labs*
- 5:00pm HABs and Other Emerging Contaminants      Heather Raymond, *Ohio EPA*
- 5:45pm Adjourned

**DAY 1 – WASTEWATER AGENDA**

- 2:30pm Centrifuges for Dewatering and Thickening      Rob Rhea, *FlottWeg*
- 3:15pm Beating Foam Causing Filaments (Microtrix & Nocardia)      John Dinneen, *Aquafix*
- 4:00pm Break
- 4:15pm Wastewater Pumps Used in the Industry      Bob Jordan, *Covalen*
- 5:00pm Treatment Plants in Ohio That Have CSO's and SSO's      Bob Jordan, *Covalen*
- 5:45pm Adjourned

**5:30pm – 7:00pm      Picnic Dinner**  
(Included with attendees registration fee)

THURSDAY, JULY 26, 2018

**DAY 2 – WATER/WASTEWATER AGENDA**

**6.0 CONTACT HOURS AVAILABLE**  
(Water & Wastewater)

- 8:00am Welcome & Updates
- 8:15am WSRLA Funding Program Outreach      Pejmaan Fallah, *Ohio EPA*
- 9:00am Ohio EPA's Beneficial Use Program      Harry Sarvis, *Ohio EPA*
- 9:45am Break
- 10:00am Precast Post-Tensioned Concrete Fundamentals      Mike Schmidt, *Dutchland*
- 10:45am New Technology Advancements      Ted Simmons, *HACH*
- 11:30am Lunch (Provided)

**DAY 2 – WATER AGENDA**

- 12:30pm Activated Carbon Classifications and Selection Criteria for Optimum Treatment Performance      Marvin Gnagy, *PMG Consulting*
- 1:15pm Water Supply Well & Pump Maintenance      Ken Cramer, *Peerless Midwest*
- 2:00pm Break
- 2:15pm SIPP – A New Alternative to Replacing Water Lines      Daryl Bowling, *Suez*
- 3:00pm AMI – It's Now In Reach for All Utilities      TBD, *Aclara*  
Daryl Bowling, *Suez*

**DAY 2 – WASTEWATER AGENDA**

- 12:30pm Respirometry: A Valuable Tool in Wastewater Treatment      John Hoffman, *Alloway*
- 1:15pm Case Studies in Finding the Biological Sweet Spot      Kevin Earnest, *Strand*
- 2:00pm Break
- 2:15pm Selecting Proper Blower Technology for Wastewater      Kevin Grant, *Aerezen*
- 3:00pm Aeration and Mixing Technology      Sam Jacobi / Jason Bradley, *Covalen*
- 3:45pm Adjourned

**OTCO REGISTRATION FORM**

**CLASS III & IV WORKSHOP**

Wednesday, July 25 & Thursday, July 26, 2018

Please check which day(s) you are registering for below:

- July 25 & 26 (both days): \$320 after 7/18/18 \$345
- July 25<sup>th</sup> Only: \$170 after 7/18/18 \$185
- July 25<sup>th</sup> Picnic Dinner Ticket Only: \$25per person
- July 26<sup>th</sup> Only: \$170 after 7/18/18 \$185

(Please print or type below)

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 Database. <input type="checkbox"/>	
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:**

Operator Training Committee of Ohio, Inc.  
3972 Indianola Ave \* Columbus, OH 43214

[www.otco.org](http://www.otco.org)