

47th Annual
**Wastewater
Workshop
&
Exhibition**
March 9th & 10th, 2010



The Ramada Plaza Hotel
& Conference Center
4900 Sinclair Road * Columbus OH 43229
(614) 846-0300

Operator Training Committee Of Ohio, Inc.
a USEPA 109(b) "Environmental Training Center"
3972 Indianola Ave. * Columbus, OH 43214
(614) 268-6826 * (614) 268-3244 Fax
www.ohiowater.org



REGISTRATION FEE

\$285.00 on or before 3/08/10.

\$310.00 after 3/08/10.

Over the past four years, 350 operators per day attend this event.

TABLETOP EXHIBITS

Tabletop Exhibit will be available for **\$280/day**.

Includes lunch for two (2) attendees

OHIO EPA CONTACT HOURS

Up to **12.0** Ohio EPA Contact Hours may be obtained by attending the entire workshop.

**STATE BOARD OF
SANITARIANS APPROVAL**

In 2005, OTCO became an approved training provider for Sanitarians in the State of Ohio.

UNION TRUST

Since 2001, OTCO has been an approved training provider under Union Trust.

REFUNDS

Cancellations received on or before 3/08/10, will receive a full refund.

Cancellations after 3/01/10 and until the day of the workshop are subject to a \$50.00 service charge. If your registration is not prepaid, you will be invoiced. Substitutions are permitted.

***NO REFUND FOR THOSE WHO REGISTER
AND FAIL TO ATTEND.***

WORKSHOP LOCATION

The Ramada Plaza Hotel & Conference Center - located west of I-71 at exit #116 and just north of Morse Road.

HOTEL ACCOMODATIONS

\$82 single or double occupancy

For room reservations at the Ramada Plaza Hotel and Conference Center, call the hotel directly at (614) 846-0300. Please state you will be attending the OTCO workshop.

AVAILABLE IN 2010

Water Workshop: \$285

Water Contact Hours: 12.00

March 23-24, 2010 Columbus, Ohio

WW Collection System Workshop: \$285

Wastewater Contact Hours: 12.00

TBA, Ohio

Pretreatment Workshop: \$155

Wastewater Contact Hours: 6.00

May 11, 2010 Columbus, Ohio

Wastewater Laboratory Workshop: \$155

Wastewater Contact Hours: 6.00

May 12, 2010 Columbus, Ohio

Water Laboratory Workshop: \$155

Water Contact Hours: 6.00

May 13, 2010 Columbus, Ohio

**Class III/IV Water & Water Operator
Workshop: \$285**

Water Contact Hours: 12.00

Wastewater Contact Hours: 12.00

August 17-18, 2010 Columbus, Ohio

Water Distribution Workshop: \$285

Water Contact Hours: 12.00

December 8-9, 2010 Columbus, Ohio

Procrastinators Workshop: \$285

Water Contact Hours: 12.00

Wastewater Contact Hours: 12.00

December 14-15, 2010 Columbus, Ohio

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Wastewater Workshop Agenda

Tuesday, March 9th, 2010

Moderator - Ernie Stickler

- 7:30 am Registration/Coffee/ Pastries
- 8:15 am OTCO Update and Welcome
Curtis L. Truss Jr.,
Executive Director
- 8:30 am OEPA Division of Surface water
George Elmaraghy,
OEPA, Div. of Surface Water
- 9:15 am Certification Update
Andy Barienbrock,
Ohio EPA, Certification
- 10:00 am BREAK
- 10:15 am Nutrients Testing For Process Control
Bob Dabkowski,
Hach
- 11:00 am Your Wasting Methodology: Operational Controls or Engineering Calculations
Keith Kroeger,
Ohio EPA
- 11:45 am LUNCH
- SIMPLE CALCULATIONS BRING CALCULATOR
- 12:45 pm Return Sludge Flow Rates: Precise Adjustment Rather Than Just Guessing, Section 1
- 1:30 pm Return Sludge Flow Rates: Precise Adjustment Rather Than Just Guessing, Section 2
- 2:15 pm Break
- 2:30 pm Return Sludge Flow Rates: Precise Adjustment Rather than just Guessing, Section 3
- 3:15 pm Return Sludge Flow Rates: Precise Adjustment Rather than just Guessing, Section 4
Lynn Marshall
Trainer & Wastewater Consultant
- 4:00 pm Adjourn

March 9, 2010 Total contact hours = 6.00

Wastewater Workshop Agenda

Wednesday, March 10th, 2010

Moderator - Ernie Stickler

- 7:45 am Registration/Coffee/ Pastries
- 8:00 am Welcome and OTCO Update
Curtis L. Truss Jr.,
Executive Director
- 8:15 am Development and Implementation of a Self-Cleaning Wetwell Design
Bob Domkowski,
ITT Flygt
- 9:00 am High Speed Turbo Blower vs. Multistage Centrifugals
Josh Stockwell,
HSI Blowers
- 9:45 am BREAK
- 10:00 am Advances in Telemetry
Joe Ahler,
High Tide
- 10:45 am Two Are Better Than One: The Advantage of Two Point Control in Centrifugal Aeration Blowers
David Roskowic,
Turblex, Inc.
- 11:30 am LUNCH (provided)
- 12:30 pm The Micro Life Part 1
- 1:15 pm The Micro Life Part 2
Toni Glymph,
Wastewater Microbiologist
- 2:00 pm BREAK
- 2:15 pm UV Disinfection
John Faber,
Trojan UV
- 3:00 pm Optimization of Rotary Press for Dewatering
Peter Gagne
Les Industries Fournier, Inc
- 3:45 pm Adjourn

March 10, 2010 Total contact hours = 6.00

Ohio Administrative Code 3745-07-15

(Effective December 21 2006)

D(2)Operators holding multiple certificates shall have the number of contact hours required for the renewal of each certificate reduced by twenty-five per cent beginning with certificates that expire on December 31, 2006. The reductions shall be granted as follows:

(a)For persons holding a certificate as a class A or limited class A operator, not less than six hours of director-approved contact hours shall be completed for each of these certificates;

(b)For persons holding a certificate as public water system operator I, water distribution operator I, water distribution operator II, wastewater works operator I, wastewater collection system operator I, or wastewater collection system operator II, not less than nine hours of director-approved contact hours shall be completed for each of these certificates;

(c)For persons holding a certificate as public water system operator II, public water system operator III, public water system operator IV, wastewater works operator II, wastewater works operator III, or wastewater works operator IV, not less than eighteen hours of director-approved contact hours shall be completed for each of these certificates.

D(3)For those renewals of certificates that will expire on or after December 31, 2008, at least half of an operator's contact hours shall be those determined by the director to be directly related to operations and maintenance.

WORKSHOP NOTES

Each presentation for both days will be individually approved; therefore if you are not present during a presentation, you can still receive contact hours for the portion you attend. Ohio EPA certified operator's whose renewals are due on 12/31/2010 MUST obtain at least 50% Ohio EPA approved training designated as Operation and Maintenance (OM). OTCO's Wastewater Workshop traditionally have been more than 70% O&M. This 2010 workshop is over 75% O&M.

OTCO REGISTRATION FORM

47th Annual Wastewater Workshop

March 9th & 10th, 2010

The Ramada Hotel & Conference Center
Columbus OH

OTCO STUDENT ID #: _____
PLEASE PRINT OR TYPE:

FIRST NAME _____

LAST NAME: _____

TITLE _____

EMPLOYER _____

ADDRESS _____

CITY/STATE/ZIP _____

(____) _____ - _____ Ext. _____

BUSINESS TELEPHONE

Please provide fax & email for confirmations:

(____) _____ - _____

FAX (for confirmations)

EMAIL ADDRESS (for confirmations)

Please check & initial if the above information needs to be updated in the OTCO Training Tracking System. [] _____

\$285 on or before 3/8/10. **\$310** after 3/8/10

CHECK OR MONEY ORDER NUMBER _____

P.O. NUMBER _____

Please invoice my company:

Charge to my credit card account:

Visa MasterCard Discover AMEX

Billing Zip Code (For security purposes) _____

CARD NUMBER _____

NAME ON CARD _____ / _____ EXP. DATE

CARD HOLDER SIGNATURE _____

CARD HOLDER SIGNATURE

MAIL OR FAX THE COMPLETED FORM TO:

OPERATOR TRAINING COMMITTEE OF OHIO, INC.

3972 Indianola Avenue * Columbus, OH 43214

(614) 268-6826 * Fax (614) 268-3244

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