

AGENDA

- 8:30-9:00am – Registration – coffee & pastries provided
- 9:00-10:30am – Understanding Categorical Standards
- 10:30-10:45am – Break
- 10:45-11:45am – Small Group Exercises
- 11:45am-12:45pm – Lunch – included with registration
- 12:45-1:45pm – Applying Effluent Limits
- 1:45-2:00pm – Break
- 2:00-3:30pm – Small Group Exercises
- 3:30pm – Workshop concludes

Important Information for PA DEP-Licensed Wastewater Operators

This one day workshop is approved by the Pennsylvania Department of Environmental Protection (PA DEP) under the operator training program for a total of 5.0 contact hours. This workshop will count toward Pennsylvania pre-certification and continuing education requirements for wastewater operator licenses only.

Each attendee must present a photo ID upon signing in at the workshop. All PA DEP licensed wastewater operators attending for PA DEP contact hours must provide a photocopy of their operator's license (or their PA DEP Client ID pocket card). This information is needed in order to provide the PA DEP with an accurate roster of those earning contact hours. Photocopies of operator licenses or DEP client ID cards should be enclosed with the registration form.

Please note: contact hours may only be awarded for a course once within your 3-year certification cycle. It is your responsibility to be sure you have not taken the same course more than once within your cycle.

PRSR STD
U.S. POSTAGE
PAID
HARRISBURG, PA
PERMIT 533

Pennsylvania Water Environment Association
POB 3367
Gettysburg, PA 17325

www.pwea.org



The Pennsylvania Water
Environment Association

Understanding & Applying Effluent Limits

PA DEP Course ID #3173
5.0 Wastewater Contact Hours

On the following dates/locations:

Thursday, March 19, 2009
Holiday Inn Hotel & Conference Center
(room name to be provided later)
148 Sheraton Drive
New Cumberland, PA 17070

Thursday, May 14, 2009
Cranberry Township Municipal Building
Council Chambers
2525 Rochester Road
Cranberry Township, PA 16066

*Presented by the PWEA
Industrial Waste Pretreatment Committee
Committee Chair –
Judy F. Musselman, QEP*

Course Overview

Understanding and Applying Effluent Limits is a one day training session that will provide attendees with an understanding of EPA effluent guidelines and the knowledge to apply the limits contained in the guidelines. This course contains the following topics:

- Review of EPA effluent guidelines that include pretreatment standards
- Determination of limits using the combined wastestream formula and flow-weighted average formula
- Comparison of local and federal limits

Course Level: Intermediate

Target Audience

Pretreatment coordinators, wastewater treatment plant managers and operators, industrial environmental managers or anyone involved with industrial pretreatment programs.

Learning Objectives

Attending this workshop will enable the attendee to:

1. Properly identify appropriate effluent guidelines for specific industrial categories;
2. Understand types of pretreatment standards;
3. Differentiate between similar types of categorical standards;
4. Calculate production-based pretreatment standards; and
5. Calculate combined wastestream formula-based pretreatment standards.

Instructors

John Lovell, US Environmental Protection Agency

Steve Copeland, US Environmental Protection Agency

The concepts, ideas, procedures, and opinions offered at PWEA educational opportunities are those expressed by the various presenters. The PWEA assumes no responsibility for errors or omissions in the presentations.

Registration Information

- **Registration is limited to 40 per location—so please register early!**
- Registration must be completed in advance. **On-site registrations cannot be accepted.**
- Registration deadlines are 2 weeks prior to each workshop date.
- Registration fees include lunch and coffee breaks.
- Please arrive by 8:30am to check in at the PWEA registration desk.
- Directions to the workshop locations will be provided.
- PWEA members are eligible for the member rate.
- The PWEA is a non-profit corporation with a Federal EIN of 23-7169337.

Mail registration form with payment to:

PWEA - Workshop Registration
PO Box 3367
Gettysburg, PA 17325

Or fax to: (570) 549-2221

Questions? Contact Cindy Rock, PWEA Meeting Manager, by phone at (570) 549-2204 or by email at pweameetings@npacc.net.

Cancellation & Substitution Policy

Cancellations received in writing 4 weeks prior to the date of the workshop will receive a full refund less a \$50 administrative fee. No refunds will be made if received after that date. Substitutions may be made until the registration deadline and must be made in writing, accompanied by a registration form for the substitute and a \$25 substitution fee.

Overnight Accommodations

PWEA has not reserved sleeping rooms for these workshops. Overnight accommodations are the responsibility of each individual.

Attention: Non-Members

The Non-Member Registration Fee includes a one-year membership in the PWEA and the WEF, and all benefits associated with membership. You may opt out of membership if you do not wish to receive these benefits. (**Opting out does not lower the non-member fee.**)

WORKSHOP REGISTRATION FORM

Understanding & Applying Effluent Limits

PLEASE PRINT CLEARLY

Name _____

Organization _____

Address _____

City _____

State _____ Zip Code _____

Email _____

Phone _____

Fax _____

PWEA Member # _____

PA DEP Client ID # _____

(For PA DEP credit, attach photocopy of your operator license.)

Please check your preferred date:

March 19, 2009 May 14, 2009

PWEA Member Non-Member

Circle appropriate fee \$185 \$315*

*Non-Member fee includes WEF/PWEA membership. You may opt out of membership by checking the box below.

Non-Member Opt Out: I do not wish to be enrolled as a PWEA/WEF member.

Total amount due: \$ _____

PAYMENT INFORMATION

Check enclosed (made payable to: PWEA)

MasterCard Visa

Card # _____

Expiration date _____ Security code _____
(from back of card)

Signature _____

Name (as it appears on card) _____

Billing Address (if different than above) _____

City _____ State _____ Zip Code _____

Registration deadline is 2 weeks prior to the date of each workshop.

Registration is limited to 40 people per location.