



2012 Operations Challenge

April 17, 2012



**Allen County
Sanitary Engineering Department**
3230 N. Cole St
Lima, Ohio 45801

Microtel Inn & Suites: 567.765.1500 (Delphos)
Fairfield Inn: 419.224.8496 (Lima)
Courtyard by Marriott: 419.222.9000 (Lima)
Hampton Inn: 419.225.8300 (Lima)

Compete to represent Ohio at the National Operations Challenge competition at 2012 WEFTEC in New Orleans, October 1-3, 2012



2011 Ohio Winners at WEFTEC in Los Angeles
OEPA "Regulators" and Bowling Green "Wastewater Rangers"

The Ohio Water Environment Association is a not-for-profit 501(c)(3) association that provides technical education and training for Ohio water quality professionals who clean water and return it safely to the environment.



Ohio Water Environment Association
1890 Northwest Blvd, Suite 210
Columbus, OH 43212



2012 OPERATIONS CHALLENGE

Tuesday, April 17, 2012

Allen County
Sanitary Engineering Department
Lima, Ohio

Recognizing Excellence

in wastewater treatment operations,
maintenance, laboratory, safety,
and collection systems personnel

Register your team at
www.ohiowea.org

Earn up to 12
Contact Hours



THE COMPETITION

All teams will compete in all events. Each event will be judged and scored separately against established criteria. The scores of all events will be totaled and the champion team will be selected. Rules are available for the OWEA event on the website. Five separate competitive events will be held:

Maintenance. Teams will be required to pull and perform various maintenance procedures and electrical tasks on a WILO FA10.33 pump and a WILO TR50 mixer.

Collection Systems. Teams will cut out a "cracked" section of eight inch (8") gravity PVC sewer pipe with water circulating through it. Drill a four inch (4") hole in a piece of eight inch (8") PVC pipe on a separate stand. Install a saddle connection with gaskets and two straps to represent a house connection. Cut and install the 8" PVC section with saddle and install the section with "flexible" repair couplings. Identify images of known pipe defects and observations with the correct terminology from the National Association of Sewer Service Companies' (NASSCO) Pipeline Assessment Certification Program (PACP). The water tightness of the repair will be evaluated.

Safety. Teams will respond to an unconscious worker overcome by an unknown chemical in a manhole requiring rescue.

Process Control. Teams will solve problems including process control "story" problems and multiple choice theory and math.

Laboratory. Teams will perform all step of an E. Coli membrane filtration analysis using Hach products following all method requirements and aseptic techniques as outlined in the Hach m-ColiBlue 24 method.

Each event will be timed separately and all team members are expected to participate.

ELIGIBILITY

- Teams must be composed of no less than two and no more than four members.
- Teams must be composed of the same two to four individuals for all five events.
- Members of a team may come from the same employer or from multiple employers.
- Individual team members must meet the qualifications described below, plus reside within the geographical boundaries of the pathway MA or OA.

QUALIFICATIONS

- Individual team members shall be actively employed and in the field on a regular basis within the wastewater business. Specifically team members must actively work in the consulting, regulation or operations and maintenance of any collection system, treatment plant, industrial pre-treatment system or program and/or laboratory facilities. The intent is that team members will be those actually involved in wastewater collection, operations, laboratories, industrial pre-treatment or maintenance functions.



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PURPOSE

To recognize excellence in wastewater treatment operations, maintenance, laboratory, safety and collection systems personnel.

DIVISIONS

The competition will be limited to the first 10 teams registered. The two divisions function as follows: Both divisions compete "head to head" in all five events. There are no apparent differences in the competition. At the completion of the competition, teams are sorted according to division and then ranked based on a score. A team's division status will be announced or posted.

Division I (D1) and Division II (D2) Definitions:

Traditionally D1 is composed of previous winners of the D2 and D1 contests, previous year individual event winners, or for any other team(s) that chooses to move up to compete in this division. D2 is traditionally for "new" teams and/or previous year(s) non-winning teams. Teams should apply to the division for which they believe they should complete. However, to balance competition within the divisions and to improve the overall quality of the competition, a final decision of the appropriate division will be determined by the Event Coordinators and the Operations Challenge Chairperson(s) the day prior to the contest. In no case will the 2011 D1 or D2 winning teams be permitted to compete in D2 for 2012.

REGISTRATION

Team registration is \$250. Includes lunch, awards presentation on the day of the event, and admission to the Awards Breakfast at the 2012 OWEA Annual Conference. Application deadline - April 2, 2012.

OWEA Refund Policy

- Cancellations within 24 hours of the workshop or no-shows the day of the workshop will be billed in full and will not receive a refund.
- Any Cancellation 72-24 hours prior to the workshop will receive a 65% refund minus any credit card processing fees.
- Any Cancellation 72 hours or more prior to the workshop will receive a full refund minus any credit card processing fees.

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Register Online at ohiowea.org

If unable to register online, complete below and mail or fax to OWEA, or register by calling 614.488.5800.

Team Entry Form

Team Fee:	<input type="checkbox"/> \$250	
Division:	<input type="checkbox"/> 1 <input type="checkbox"/> 2	
Sponsoring MA/OA:		
Team Name:		
Company:		
Address:		
City:	State:	Zip:
Captain:		
Team Members:		
1:	2:	
3:	4:	
Email:		
Phone:		
Method of Payment		
Check #	<input type="checkbox"/>	
P. O. #	<input type="checkbox"/>	
Credit Card:	<input type="checkbox"/>	
If you select credit card, you will be emailed a secure link to enter your credit card payment. Be sure to enter a valid email address. Or you may call the OWEA office with your credit card number.		

OWEA

1890 Northwest Blvd, Suite 210
Columbus, OH 43212

T: 614.488.5800 F: 614.488.5801 E: info@ohiowea.org

Registration will be confirmed by email.

Kim Riddell, Chairperson
kim@go-smith.com
419.234.4507