



OWEA presents:

**2009 Biosolids
Specialty Workshop**

December 10, 2009

University Plaza Hotel and Conference Center

Featured Speakers

- **Jacob Howdysshell**, Ohio EPA
- **David T. Scheiderer**, Integrated Ag Svcs
- **Jim Scisson**, Phoenix and Scisson
- **Mike Mitariten**, Molecular Gate Technologies
 - **Dan Leavitt**, City of London
 - **Sidney Clark**, City of London
 - **J. R. Currie**, City of London
- **Matt Fishman**, Hazen and Sawyer
 - **Kevin Rhodes**, Woolpert
- **Rob Smith**, Malcolm Pirnie, Inc.
- **Dr. Sam Jeyanayagam**, Malcolm Pirnie, Inc.

OWEA Refund Policy

- ◆ Cancellations within 24 hours of the workshop, or no-shows the day of the workshop will still 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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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



The Ohio Water
Environment Association
is pleased to present

**2009
BIOSOLIDS
SYSTEMS WORKSHOP**

December 10th – Thursday
University Plaza Hotel
and Conference Center

6 Contact Hours

Preserving and Enhancing
Ohio's Water Environment

Register online at
www.ohiowea.org



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December 10, 2009



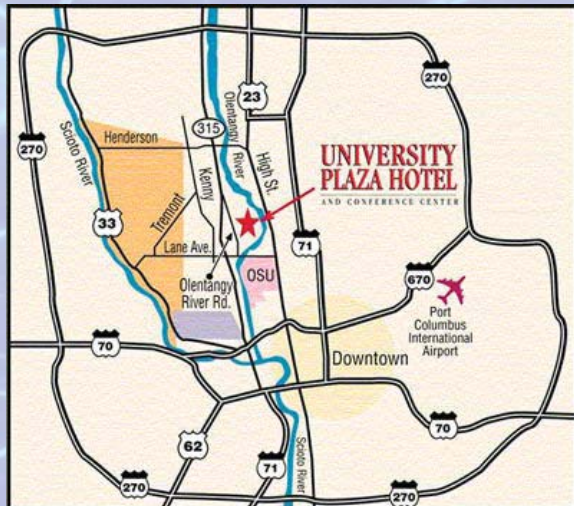
University Plaza Hotel

Conveniently located in central Columbus, west of I-71 and along 315, north of OSU campus. View the University Plaza Hotel features on-line at:

www.universityplazaosu.com

To reserve a room, please call University Plaza Hotel at (877) 677-5292.

The conference rate is \$99/night (+ tax). You will need to mention the "OWEA Specialty Workshop" for the special rate.



Workshop Schedule

- 7:45-8:15 Registration, Coffee, and Pastries**
- 8:15-8:30 Opening Remarks
 - Current Issues/Regulatory Issues - *David Brewer, Residuals Chair*
- 8:30-9:15 Overview of Changes to OEPA Land Application Rules
 - *Jacob Howdyshell, Ohio EPA*
- 9:15-10:00 Nutrient Management Planning - The Agricultural Side of End Use
 - *David T. Scheiderer, Integrated Ag Svcs*
- 10:00-10:15 Break**
- 10:15-11:00 Up to the Hype: An Overview of 2nd Generation ATAD Performance
 - *Jim Scisson, Phoenix and Scisson*
- 11:00-11:45 Digester Gas Pretreatment for Energy Cogeneration
 - *Mike Matariten, P.E., Molecular Gates Technologies*
- 11:45-12:45 Lunch (provided)**
- 12:45-1:30 Class A Digestion for Small Facilities
 - *Dan Leavitt, City of London*
 - *Sidney Clark and J. R. Currie, CB&I*
- 1:30-2:15 Beneficial Use of Digester Gas - Seasonal and Lifecycle Cost Considerations
 - *Matt Fishman, P.E., Hazen and Sawyer*
- 2:15-2:30 Break**
- 2:30-3:15 Exploring the Feasibility of Biosolids to Energy Using Fluidized Bed Combustion and Heat Recovery
 - *Kevin Rhodes, P.E., Woolpert*
- 3:15-4:00 Biosolids as a Resource: Towards a Paradigm Shift in the 21st Century
 - *Sam Jeyanayagam, Ph.D., P.E., B.C.E.E. and Robert Smith, P.E., Malcolm Pirnie*

4:00 Adjourn

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Save Time and Postage

Register Online at www.ohiowea.org

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

Registration Fee	
Member:	<input type="checkbox"/> \$100
Enter OWEA/WEF #	
Non-Member:	<input type="checkbox"/> \$150
Badge Name:	
Company:	
Address:	
Email:	
Phone:	
Method of Payment	
Check <input type="checkbox"/>	VISA <input type="checkbox"/>
P. O. # <input type="checkbox"/>	MasterCard <input type="checkbox"/>
Credit Card #	
Exp. Date:	
Billing Zip Code:	Card Security Code:
Name on Card:	
Signature:	

Mail to: OWEA
1890 Northwest Blvd, Suite 210
Columbus, OH 43212

Phone: 614.488.5800 Fax: 614.488.5801

E-mail: info@ohiowea.org

Registration will be confirmed by E-mail.