

# WEF 2007 Specialty Conferences

## Compounds of Emerging Concern (CEC) and Industrial Water Quality 2007 (IWQ)

**Sunday, July 29, 2007**

### WORKSHOP

Process Design of Industrial Wastewater Treatment Systems; Design Approaches and State-of-the-Art Modeling Tools; Problem Solving Sessions for Organic and Nitrogen Removal – 8:30 am - 5:00 pm

**Moderator:** *Joseph G. Cleary, P.E., BCEE, HydroQual, Inc.*

**Speakers:** *W. Wesley Eckenfelder, ScD., P.E. – AquaAeTer, Inc.*

*Joseph G. Cleary, P.E., BCEE – HydroQual, Inc.*

*Oliver Schraa – Hydromantis, Inc.*

*Hugh Montieth – Hydromantis, Inc.*

*Gary M. Grey – HydroQual, Inc.*

*Thomas W. Gallagher – HydroQual, Inc.*

### PAPER

**Joint Session 3: Treatment of Challenging Pharmaceutical Wastewater**  
1:30 pm - 5:00 pm

Treatment/Destruction of EDCs – 4:30 pm

**Presenter:** *Joseph G. Cleary, P.E., BCEE, HydroQual, Inc.*

**Monday, July 30, 2007**

### PAPER

**IWQ Session 1: Industrial Wastewater Case Histories**

10:30 am - 12:00 pm

MGP Industrial Wastewater Treatment Review and Case Study – 11:30 am

**Presenter:** *Dennis E. Scannell, HydroQual, Inc.*

### PAPER

**IWQ Session 4: Modeling of Wastewater Treatment Processes**

1:30 pm - 5:00 pm

Biowin Modeling Tool and Case Study for Nitrogen Removal – 4:30 pm

**Presenter:** *Gary M. Grey, HydroQual, Inc.*

**Monday, July 30, 2007**

### PRESENTATION

**CEC Session 3: Conventional Wastewater Treatment for Compounds of Emerging Concern – 1:30 pm - 5:00 pm**

Bench-Scale Treatability of Pharmaceutical Wastewaters: An Antifungal Agent as a Case Study – 2:30 pm

**Presenters:** *Elizabeth Kang, Schering Plough Corporation;*

*Joy A. McGrath, HydroQual, Inc.*

### PAPER

**CEC Session 6B: Fate and Treatment of Nanoparticles, Prions and Tritium – 10:30 am - 12:00 pm**

Tritium in Municipal Solid Waste Leachate and Gas: Implications to Treatment and Disposal – 11:00 am

**Presenter:** *Robert D. Mutch, Jr., P.E., HydroQual, Inc.*

**Tuesday, July 31, 2007**

### PAPER

**IWQ Session 10: Waste Treatment in the Food & Beverage Industry**

1:30 pm - 5:00 pm

Anaerobic Treatment Alternatives for Industry – How to Select Best Technology and Project Delivery Approach – 4:00 pm

**Presenter:** *Joseph G. Cleary, P.E., BCEE –*

*HydroQual, Inc.*



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**Water Environment Federation  
2007 Specialty Conferences**

**COMPOUNDS  
OF EMERGING CONCERN:  
WHAT IS ON THE HORIZON?  
AND  
INDUSTRIAL WATER QUALITY  
2007**

Held Simultaneously from  
July 29 - August 1, 2007  
at The Westin Providence Hotel  
Providence, Rhode Island



Environmental  
Engineers & Scientists

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