



MtBE and Other Fuel Oxygenates:

Assessment and Remediation of Oxygenates and Other Fuel Components

A classroom training session sponsored by
NEIWPC, API, and ASTSWMO, in association
with **ITRC**

November 15 - 16, 2007

**DoubleTree Hotel
Atlanta-Buckhead**

Atlanta, GA



Association of State and Territorial
ASTSWMO
Solid Waste Management Officials



116 John Street, Lowell, MA 01852-1124
Phone: 978-323-7929, Fax: 978-323-7919

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The New England Interstate Water Pollution Control Commission, American Petroleum Institute, and Association of State and Territorial Solid Waste Management Officials, in association with the Interstate Technology and Regulatory Council and Northwest Environmental Business Council, have designed this two-day training course to enhance your professional awareness of technical issues related to assessment and remediation of oxygenates and other fuel components. An outstanding group of instructors composed of state and federal regulators, researchers, and private sector practitioners will present a balanced program offering both theoretical and field-based information covering site characteristics, remedial technology selection, design, and implementation.



Thursday November 15, 2007

- 8:30AM *Registration*
- 9:00 **Welcome**
Richard Swanson, Georgia Department of Natural Resources
Kara Sergeant, New England Interstate Water Pollution Control Commission
- 9:15 **National and Regional Key Issues**
John Mason, U.S. Environmental Protection Agency, Region 4
- 9:45 **Understanding Gasolines and Biofuels:
Where They Come From, What's In Them, and Why**
Bruce Bauman, American Petroleum Institute
Jim Weaver, U.S. Environmental Protection Agency
- 10:15 **Lead Scavengers**
John Wilson, U.S. Environmental Protection Agency
Ron Falta, Clemson University
- 11:30 Luncheon Presentation
VOCs in the Nation's Groundwater and Drinking Water Supply Wells
Dr Michael Moran, U.S. Geological Survey
- 1:00 PM **Development of Site Conceptual Models**
Eric Nichols, LFR Inc.
- 1:30 **Rapid Site Characterization**
Eric Nichols, LFR Inc.
- 2:30 Break
- 2:45 **Vapor Intrusion**
Robin Davis, Utah Department of Environmental Quality
Greg Johnson, Colorado Department of Labor and Employment
- 4:15 **Establishing Remediation Criteria, Remediation System Optimization**
Jeff Kuhn, Montana Department of Environmental Quality
Pat Ellis, Delaware Department of Natural Resources and Environmental Control
- 5:15 Adjourn
- 5:30-7PM Reception

Friday November 16, 2007

- 8:30AM *Refreshments*
- 9:00 **Effectiveness of Monitored Natural Attenuation Strategies**
John Wilson, U.S. Environmental Protection Agency
Ryan DuPont, Utah Water Research Laboratory
- 10:30 **In Situ Oxidation Alternatives**
■ Chemical Oxidation Alternatives
■ Enhanced Bio Remediation
George Hoag, VeruTEK Technologies, Inc.
Fred McGarry, New Hampshire Department of Environmental Services
- 12:00 Lunch
- 1:30 **LNAPL Remediation Alternatives and Practical Limitations**
Sanjay Garg, Shell Global Solutions (US) Inc.
- 3:00 Break
- 3:30 **Considerations for Ethanol Fuel Release**
Curt Stanley, Shell Global Solutions (US) Inc.
- 4:00 Wrap Up



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Fee/Hotel Information

DoubleTree Hotel Atlanta-Buckhead
3342 Peachtree Rd. NE; Atlanta, GA 30326
(404) 231-1234 FAX (404) 231-3112
www.doubletreebuckhead.com



For Reservations: 1-800-222-TREE and mention **Southeast Oxygenate**

Room rate: Gov't \$124 (In order to receive the government rate, registered attendees will receive a form they must fax to the hotel.)
Industry \$169

Conference Fees: \$250 Government Attendees; **\$600** Private Sector

Room Rate and Registration cut-off date: October 24th

Registration Cancellation: Must be made by November 1, 2007, otherwise subject to a \$75 fee.

Registration

Name: _____

Organization: _____

Address: _____

Town/City: _____ **State:** _____ **Zip:** _____

Tel: _____

Fax: _____ **Email:** _____

Select Payment Method

Payment due by **October 24**, payable to NEIWPC.

Check # _____ **Amount:** _____

P.O. # _____ **Amount:** _____

-or-

Credit Card # _____ **Amount** _____

indicate Visa, MC or Discover _____ **3-digit code (Visa only)** _____
located on back of card

Name on card _____ **Expiration** _____
month/year

Signature Required _____ **Date** _____

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New England Interstate Water Pollution Control Commission (NEIWPC)
116 John Street, Lowell, MA 01852-1124