



MtBE and Other Fuel Oxygenates:

## ***Assessment and Remediation of Oxygenates and Other Fuel Components***

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

**October 22 - 23, 2007**

**Red Lion Hotel  
Portland, Oregon**



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

**October 22 - 23, 2007**

**Red Lion Hotel  
Portland Convention Center  
Portland, Oregon**

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.



# Monday

## October 22, 2007

- 8:30AM Registration  
*Refreshments Available*
- 9:00 **Welcome**  
*David Belyea, Oregon Department of Environmental Quality*  
*Kara Sergeant, New England Interstate Water Pollution Control Commission*
- 9:15 **National and Regional Key Issues**  
*Steven Linder, U.S. Environmental Protection Agency, Region 10*
- 9:45 **Understanding Gasolines and Biofuels: Where They Come From, What's In Them, and Why**  
*Bruce Bauman, American Petroleum Institute*
- 10:15 **Lead Scavengers**  
*Read Miner, South Carolina Department of Health and Environmental Control*
- 11:00 **Development of Site Conceptual Models**  
*Eric Nichols, LFR Inc.*
- 11:30 Luncheon Presentation  
**VOCs in the Nation's Groundwater and Drinking Water Supply Wells**  
*John Zogorski, U.S. Geological Survey*
- 1:00 **Rapid Site Characterization**  
*Eric Nichols, LFR Inc.*
- 2:00 **Vapor Intrusion**  
*Robert Ettinger, GeoSyntec Consultants, Inc.*  
*Robin Davis, Utah Department of Environmental Quality*
- 3:30 Break
- 3:45 **Establishing Remediation Criteria**  
**Remediation System Optimization**  
*Jeff Kuhn, Montana Department of Environmental Quality*  
*Eric Nichols, LFR Inc.*
- 5:00 Adjourn
- 5:30-7PM Reception



# Tuesday

## October 23, 2007

- 8:30AM *Refreshments*
- 9:00 **Effectiveness of Monitored Natural Attenuation Strategies**  
*Ryan DuPont, Utah Water Research Laboratory*  
*Peter Zeeb, GeoSyntec Consultants, Inc.*
- 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 **Luncheon Presentation**  
*Ian Hill, Sequential Fuels*
- 1:30 **LNAPL Issues, Recent Developments and Resources**  
*Mark Adamski, BP America*
- 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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MtBE and Other Fuel Oxygenates:

**Assessment and Remediation of Oxygenates and Other Fuel Components**

Hotel/Fee Information

**Red Lion Hotel**, Portland Convention Center  
1021 N.E. Grand Avenue  
Portland, Oregon 97232

For reservations, please call **1-800-343-1822** and mention  
**NW Oxygenate Training**

**Room Rate: \$98**

Room Rate/Registration **cut-off date: September 24**

**Conference Fees**

**\$250** Government Attendees; **\$500** for NEBC members; **\$600** Private Sector

**Registration Cancellation:** Must be made to NEIWPC by *October 9*  
otherwise subject to a \$75 fee.

**The meeting will take place in the Red Lion Hotel.**

Registration

**Name:** \_\_\_\_\_

**Organization:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Town/City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Zip:** \_\_\_\_\_

**Tel:** \_\_\_\_\_

**Fax:** \_\_\_\_\_ **Email:** \_\_\_\_\_

Check here if you are a NEBC member

Select Payment Method

Payment due by **September 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** \_\_\_\_\_

**Please return this form and payment to:**

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