

Advanced Tools for In-Situ Remediation

October 7, 2009 – Portland, Oregon

Workshop Schedule

- 8:00am** **Registration**
- 8:30** **Overview for Day**
- 8:45** **Microbial Degradation Processes for Chlorinated Solvents and Fuel Oxygenates**
Mike Hyman, PhD., NC State University
- 10:00** **Break**
- 10:15** **Introduction to Compound Specific Isotope Analysis**
Robert Pirkle, PhD., Microseeps, Inc
- 10:45** **MNA for Fuel Oxygenates and Chlorinated Solvents: Why it occurs, how it evolved, and using stable carbon isotopes to predict plume behavior**
John Wilson, USEPA
- 12:15pm** **Lunch**
- 1:00** **Applications of Advanced Tools - A Panel Presentation**
Kerry Sublette, PhD., University of Tulsa and Greg Davis, Microbial Insights - Biotraps and other Advanced Tools
Joe Haas, NY State Office of the Attorney General – Use of CSIA in Site Management: A Regulatory Perspective
- 2:30** **Break**
- 2:45** **Case Studies Integrating CSIA into Site Decision Making**
Tim Buscheck, Chevron Energy Technology Company
- 3:45** **Presentation of Current Site Problems**
- Panel Response*
John Wilson, USEPA
Mike Hyman, NC State
Robert Pirkle, Microseeps
Kerry Sublette, University of Tulsa
Joe Haas, NYSAG
Tim Buscheck, Chevron
- 5:00** **Adjourn**

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