

Workshop Program Schedule

8:00- 8:30 Registration

8:30 Overview for Day

Introduction by Kevin Hale, NYSDEC

8:45 Microbial Degradation Processes for Chlorinated Solvents and Fuel Oxygenates

Mike Hyman, PhD., NC State University

10:00 Break

10:15 MNA for Chlorinated Solvents stable carbon isotopes

Robert Pirkle, PhD., Microseeps, Inc

10:30 MNA for Fuel Oxygenates: Why it occurs, how it evolved, and using stable carbon isotopes to predict plume behavior

John Wilson, USEPA

12:15 Lunch

1:00 Applications of Advanced Tools- A Panel Presentation

Xiaomin Yang, BP

Aaron Peacock, PhD- Haley and Aldridge

Greg Davis- Microbial Insights

2:30 Break

2:45 Tiered Approach to Groundwater Evaluation of Biodegradation

George Duvall, Shell Global Solutions US, Inc

Using Carbon and Hydrogen Isotope Analysis to Investigate Biodegradation

3:15 Application Exercise-led by Joe Haas

MTBE - TBA Example Application

Chlorinated Solvent Example Application

This exercise will provide two different situations where tools are combined to provide solutions. Teams of participants work in groups to develop sampling plans. Bring your laptops.

Feedback provided by experts.

5:00 Adjourn