

FRTR Meeting
Low-Energy Treatment Technologies for Groundwater and Soil
AGENDA
May 13, 2010

Overall Objectives for the Meeting:

1. Improve communication and common understanding of the topic.
2. Share experience and lessons learned in advancing best practices.
3. Outline key issues and develop shared strategies to address them.

8:30 – 8:45	<p>Welcome/Introduction/Administrative Business <i>John Kingscott, USEPA/OSWER/OSRTI</i></p>
8:45 – 9:15	<p>FRTR Announcements and Meeting Objectives</p> <ul style="list-style-type: none"> • FRTR Agency Announcements (Projects/Initiatives) • FRTR Subgroup Reports • Ballots for Future Meeting Topics / Current Meeting Objectives <p><i>John Kingscott, USEPA/OSWER/OSRTI</i></p>
9:15 – 10:15	<p>Low-Energy Treatment Technologies for Groundwater and Soil Agency Perspectives Moderator: <i>Carol Dona, USACE</i></p> <ul style="list-style-type: none"> • Energy Considerations at Navy Restoration Sites <i>Kim Parker Brown, NAVFAC</i> • Low-Energy Technologies at US Air Force Sites <i>Erica Becvar, AFCEE</i>
10:15 – 10:45	<p>BREAK</p>
10:45 – 12:15	<p>Low-Energy Treatment Technologies for Groundwater and Soil Agency Perspectives, Cont. Moderator: <i>Erica Becvar, AFCEE</i></p> <ul style="list-style-type: none"> • Permeable Reactive Barriers – A Green Technology <i>Kimberly Wilson, SCDHEC</i> • Large, Dilute Solvent Plumes <i>Jim Cummings, USEPA</i> • Environmental Remediation Energy Calculators <i>Carol Dona, USACE</i>
12:15 – 1:00	<p>Working Lunch on Site Moderator: <i>Erica Becvar, AFCEE</i></p> <ul style="list-style-type: none"> • Pilot Scale Testing of Swellable Organosilica-Nanoparticle Composite Materials for the In Situ and Ex Situ Remediation of Groundwater Contaminated with Chlorinated Organics <i>Paul Edmiston, College of Wooster</i> <p>Ballots Collected</p>
1:00 – 2:00	<p>Case Studies and Lessons Learned Moderator: <i>Kim Parker Brown, DOE</i></p> <ul style="list-style-type: none"> • Small RE Systems: Performance Versus Prediction <i>Curt Elmore, University of Missouri</i> • Low-Energy Technologies and Uncertainty Analysis <i>Sam Brock, AFCEE</i>
2:00 – 2:30	<p>BREAK</p>

2:30 – 3:30	<p>Case Studies and Lessons Learned, Cont. Moderator: <i>Kim Parker Brown, NAVFAC</i></p> <ul style="list-style-type: none"> • Integrated Solar and Wind Energy Powers Oil Recovery: Former St. Croix Alumina (SCA) Site in St. Croix, VI <i>Timothy Gordon, EPA Region 2</i> • An Innovative Low-Energy Technology Application at MCB Camp Pendleton <i>Arun Gavaskar, NAVFAC Atlantic Office</i>
3:30 – 3:45	Action Items and Follow-up
3:45 – 4:00	Wrap-up
4:00	ADJOURN