

# U.S. EPA TECHNICAL SUPPORT PROJECT SEMI-ANNUAL MEETING AGENDA

October 24-27, 2005  
San Antonio, Texas



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Technical Support Project

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## TECHNICAL SUPPORT PROJECT CO-CHAIRS

### Engineering Forum:

Sharon Hayes, Region 1 • Bernie Schorle, Region 5 • Gene Keeper, Region 6

### Ground-Water Forum:

Jeff Johnson, Region 7 • Howard Orlean, Region 10

### Federal Facilities Forum:

Christine Williams, Region 1 • Michael Overbay, Region 6 • Harry Craig, Region 10

## MONDAY, October 24, 2005

### GROUND WATER FORUM TECHNICAL SESSION

8:30 am - 8:45 am	Welcome and Introduction of New Members
8:45 am - 9:00 am	Drinking Water Assessments in the Aftermath of Hurricane Katrina, Bernie Zavala, Region 10
9:00 am - 9:45 am	Permeable Reactive Barrier Site in Charleston, SC, Judy Canova, SCDHEC
9:45 am - 10:00 am	BREAK
10:00 am - 11:00 am	Continuous Resistivity Profiler, Mats Lagmanson, Advanced Geosciences, Inc.
11:00 am - 12:00 pm	Long-Term Monitoring Using Wells Installed by Direct Push Technologies, William Major, U.S. Navy

12:00 pm **LUNCH**

### FORUM BUSINESS SESSIONS

Ground Water	Engineering	Federal Facilities
<p>1:15 pm - 1:45 pm Difficulties of Decommissioning Multi-Level Wells, Kevin Willis, Region 2</p> <p>1:45 pm - 2:15 pm Ground Water/Surface Water Issues at the Occidental Site, Curt Black and Jonathon Williams, Region 10</p> <p>2:15 pm - 2:30 pm BREAK</p> <p>2:30 pm - 3:30 pm Planning Training Topics for Spring 2006 NARPM Conference, Co-chairs</p> <p>3:30 pm - 3:45 pm BREAK</p> <p>3:45 pm - 4:45 pm Status of Issue Papers, Fact Sheets, and Guidance Documents</p> <ul style="list-style-type: none"> <li>• ITRC, Co-chairs</li> <li>• 1,4-Dioxane, Co-chairs</li> <li>• Direct Push Methodologies, Bernie Zavala, R10</li> <li>• Statistical Guidance, Bernie Zavala, R10</li> <li>• ASTM Standard on Low-Flow, Brian Lewis, CA DTSC</li> <li>• Geophysical Tools in Environmental CSM Development, Bill Brandon, R1</li> <li>• Site Characterization for MNA, Bill Brandon, R1</li> <li>• Kueper-Davies DNAPL Report, Kathy Davies, R3</li> <li>• Eco-Risk Update, Kathy Davies, R3</li> <li>• Uncertainty, Ruth Izraeli, R2</li> <li>• Indoor Air Guidance, Co-chairs</li> </ul> <p>4:45 pm - 5:00 pm Venue for Fall 2006 TSP Meeting</p>	<p>2:00 pm - 2:30 pm Co-Chair Election Status &amp; Membership Update, Co-chairs</p> <p>2:30 pm - 5:00 pm</p> <ul style="list-style-type: none"> <li>• In-Situ Soil Treatment, Gene Keeper, R6</li> <li>• Oxygenates, Frank Vavra, R3</li> <li>• Selecting Treatment Process Design Data, Ed Mead, U.S. Army Corps of Engineers</li> <li>• Bioremediation, Jon Bornholm, R4</li> <li>• PCBs, Steve Kinser, R7</li> <li>• Mining, Frank Vavra, R3</li> <li>• In-Situ Chemical Oxidation, Hilary Thornton, R3</li> <li>• Soil Capping, Carlos Sanchez, R6</li> <li>• Vapor Intrusion, Ray Cody, R1, Frank Vavra, R3, and Harry Ball, R9</li> <li>• In-Situ Thermal Treatment, Leo Romanowski, R4</li> </ul>	<p>1:00 pm - 5:00 pm</p> <p>Update from Renee Wynn of EPA's Federal Facilities Restoration and Reuse Office (FFRRO) on topics like BRAC, Performance-Based Contracting, Military Munitions Response Program, and Perchlorate</p>

## TUESDAY, October 25, 2005

<b>TRIAD TRAINING</b>		
8:30 am - 9:00 am	Update on Triad Implementation and Time/Cost Savings Achieved, Linda Fiedler, U.S. EPA, Technical Innovation and Field Services Division	
9:00 am - 9:45 am	Best Practices Used in Triad Approach to Characterize TCE in Ground Water at Hurlburt Field, FL, David Miller, Argonne National Laboratories	
9:45 am - 10:00 am	Question and Answer Session	
10:00 am -10:15 pm	BREAK	
10:15 am - 11:00 am	Site Characterization at March Air Reserve Base: Using Triad to Resolve Competing Conceptual Site Models, Travis Shaw, U.S. Army Corps of Engineers	
11:00 am - 11:15 am	Question and Answer Session	
11:15 am - 12:00 pm	Open Discussion on Triad Initiatives and TSP Involvement	
12:00 pm - 1:15 pm	<b>LUNCH</b>	
<b>FORUM BUSINESS SESSIONS</b>		
<b>Ground Water</b>	<b>Engineering</b>	<b>Federal Facilities</b>
<p>1:15 pm - 1:30 pm Ground-Water Plumes and PRP Searches, Lydia Johnson, R6</p> <p>1:30 pm - 2:15 pm Discussion: Evaluating existing guidance documents that may be perceived as outdated, Co-chairs</p> <p>2:15 pm - 2:30 pm Waste Research Coordination Team Update, Bernie Zavala, R10</p> <p>2:30 pm - 2:45 pm Discussion: ORD/Regional Interactions, Dick Willey, R1, and Co-chairs</p> <p>2:45 pm - 3:00 pm BREAK</p> <p>3:00 pm - 3:45 pm Discussion: Expedited GWF Review Procedures, Co-chairs</p> <p>3:45- pm - 3:50 pm Co-chair nominations, Co-chairs</p> <p>3:50 pm - 4:00 pm Wrap-up/To-do Items, Co-chairs</p>	<p>1:15 pm - 1:45 pm RPM Engineering Expertise Survey Update, Sharon Hayes, R1</p> <p>1:45 pm - 2:45 pm NARPM 2006 Conference, All</p> <p>2:45 pm - 3:00 pm BREAK</p> <p>3:00 pm - 3:30 pm Evergreen List, Hilary Thornton, R3</p> <p>3:30 pm - 4:00 pm Future Engineering Forum Efforts, All</p>	<p>1:15 pm - 4:00 pm</p> <p>Follow-up on discussion with FFRRO including BRAC, Performance-Based Contracting, Military Munitions Response Program, Perchlorate, and future activities for the Federal Facilities Forum</p>
4:00 pm - 5:00 pm NARPM 2006 Discussion (NARPM and TSP Co-chairs)		

## WEDNESDAY, October 26, 2005

<b>TECHNICAL SESSION</b>	
8:30 am - 10:30 am	SITE Demonstration on Dioxin and X-Ray Fluorescence, Steve Billets, U.S. EPA, Office of Research and Development
10:30 am - 10:45 am	BREAK
10:45 am - 11:30 am	Trace Atmospheric Gas Analyzer, Dave Mickunas, U.S. EPA, ERT <b>Click here for Presentation</b> <b>Click here for Trace Atmospheric Gas Analyzer video</b>
11:30 am - 12:15 pm	Tar Creek, Oklahoma Superfund Site Case Study, Mike McAteer, U.S. EPA, Region 6
1:30 pm - 3:00 pm	Trenchless PRB Installation at Kelly AFB, Jim Ortman, Vice President, GeoSierra
3:00 pm - 3:15 pm	BREAK
3:15 pm - 4:15 pm	Metals Release During Sediment Dredging, Heather Shipley (Hazardous Substance Research Center/South and Southwest)
4:15 pm - 5:00 pm	In-situ Bioremediation of Perchlorate, Thomas Krug, GeoSyntec Consultants, Ontario, Canada <b>Click here for Abstract</b> <b>Click here for Presentation</b>

## THURSDAY, October 27, 2005

<b>LONG-TERM MONITORING OPTIMIZATION TRAINING</b>	
8:30 am - 8:45 am	Introduction and Overview of EPA LTMO Effort, Kathy Yager, U.S. EPA/Technology Innovation and Field Services Division
8:45 am - 9:30 am	Overview of the Basic Steps in LTMO, Mindy Vanderford, Groundwater Services, Inc.
9:30 am - 10:00 am	Overview of Qualitative and Quantitative Methods in LTMO, Dave Becker U.S. Army Corps of Engineers
10:00 am - 10:15 am	BREAK
10:15 am - 10:45 am	Overview of USAF Investment in Quantitative LTMO Methods, Phil Hunter, U.S. Air Force
10:45 am - 11:45 am	Monitoring and Remediation Optimization Software (MAROS) Software Demonstration, Mindy Vanderford, Groundwater Services, Inc.
1:00 pm - 1:45 pm	MAROS Case Studies and Lessons Learned, Mindy Vanderford, Groundwater Services, Inc.
1:45 pm - 2:15 pm	Three-Tiered Approach Case Study, Dave Becker, U.S. Army Corps of Engineers
2:15 pm - 2:30 pm	BREAK
2:30 pm - 2:45 pm	What You Need to Know as a Reviewer of LTMO Plans, Dave Becker, U.S. Army Corps of Engineers
2:45 pm - 4:20 pm	Panel Discussion: Interactive Discussion of LTMO Strategies and Technical Challenges
4:20 pm - 4:45 pm	Closing Remarks, Panel