

**U.S. EPA Technical Support Project Meeting *Draft* Agenda
Sacramento, California
October 18-21, 2004**

Monday, October 18

- 8:00 am - 4:00 pm Registration (*Outside Carmel Rooms, A & B*)
- 8:00 am - 12:00 pm Ground Water Forum Technical Session (*Carmel Rooms, A & B*)
- 8:30 - 9:30 am Matt Tonkin (S.S Papadopoulos and Associates) Statistical analysis (kriging) of water level data and optimization of a P&T system and analysis of capture zones for pumping wells
- 9:45 - 10:45 am John Tunks (Parsons Engineering) Comparison of 6 types of passive samplers conducted at McClellan AFB, examining vertical stratification of chemical concentrations in the target wells
- 11:00 - 12:00 pm John Tunks (Parsons Engineering) Experiences with the use of passive diffusion bags for the collection of samples for VOC analyses at 20 DOD facilities
- 12:00 - 1:00 pm LUNCH
- 1:00 - 6:00 pm Ground Water Forum Business Session (*Carmel Rooms, A & B*)
- 1:00 - 1:45 pm Overview of GWF activities, accomplishments, and tasks
- 2:00 - 4:00 pm DNAPL Fact Sheet - Discussion of any unresolved issues related to GWF comment package to be sent to ORD and unresolved issues related to the comments
- 4:15 - 6:00 pm Update on GW/SW issue paper, capture zone tool box, capture zone training, proposed EPA HQ monitoring optimization training. Updates on other issue papers, workgroups, and reports as time permits
- 12:30 - 5:00 pm Federal Facilities Forum Business Session (*Tahoe Room*)
- 12:30 - 12:45 pm Welcome, introductions, logistics
- 12:45 - 1:15 pm Regional Roundup Summary
- 1:15 - 2:15 pm FFRRO Update – John Michaud (FFRRO Acting Associate Director)
- 2:15 - 2:30 pm Break
- 2:30 - 3:30 pm FFRRO Update (Continued)
- 3:30 - 5:00 pm Begin Discussion Topics (some may have been covered during discussion with Jim)
- Perchlorate
 - BRAC 05
 - Performance Based Contracting
 - Privatized cleanup
 - Readiness and Range Preservation Initiative (RRPI)
 - DoD/EPA Streamlining Efforts
 - UXO
 - Land Reuse/Transfer Issues
 - FUDS Issues
 - Emerging Contaminants
 - Membership
- 1:00 - 5:00 pm Engineering Forum Business Session (*Capitol View Room, 15th Floor*)
- 1:00 - 1:05 pm Co-chair election results, Co-chairs
- 1:05 - 1:30 pm EF Membership Requirements and EF Expertise Resources, Co-Chairs
- 1:30 - 1:45 pm Engineering Bulletins, David Reisman (U.S. EPA, NRMRL)
- 1:45 - 2:00 pm In-Situ Soil Treatment Issue Paper, Gene Keepper (Region 6)
- 2:00 - 3:30 pm Engineering Expertise Survey
- 3:30 - 4:30 pm Spring NARPM/TSP Meetings
- 4:30 - 5:00 pm Fall 2005 TSP Meeting

Tuesday, October 19 *(Regency A Room)*

7:30 am - 5:00 pm Registration *(Outside Regency A Room)*
8:00 - 8:15 am Welcome and Overview of Meeting Kathleen Johnson (U.S. EPA/Region 9 Branch Chief, Federal Facilities and Site Cleanup Branch) and Rick Brausch (California DTSC, Assistant Secretary for External Affairs)
8:15 - 9:00 am Kevin Mayer (EPA Region 9), Perchlorate Update
9:00 - 9:45 am Mark Malinowski (CA DTSC), ITRC-Perchlorate Action Team
9:45 - 10:00 am BREAK
10:00 - 10:45 am Todd Anderson (Texas Tech University), Assessing Perchlorate Exposure: Occurrence in Large Geographical Areas and Uptake in Mammals
10:45 - 11:30 am Stephan Kalkhoff (USGS) Perchlorate in Selected Natural Materials and Perchlorate Occurrence in Ambient Waters

11:30 am - 1:00 pm LUNCH (on your own)

1:00 - 1:45 pm Laurie Lapat-Polasko (GEOMATRIX) Wastewater Treatment of Perchlorate at the Phoenix-Goodyear, Arizona site
1:45 - 2:30 pm Tom Mohr (Santa Clara Valley Water District) Perchlorate Impact to Private Wells in Santa Clara County
2:30 - 2:45 pm BREAK
2:45 - 3:30 pm Tom Mohr (Santa Clara Valley Water District) 1,4-Dioxane: a ROD Reopener?
3:30 - 4:15 pm Rula Deeb (Malcolm Pirnie) Emerging Groundwater Concerns Related to NDMA—Sources, Formation, Transport and Treatment
4:15 - 5:00 pm Graham Fogg, (University of California, Davis) Analysis of Human Exposure to Perchlorate through Coupled Modeling of Ground Water and the Surface Water Distribution System

4:00 - 6:00 pm NARPM Co-Chairs & TSP Co-Chairs Meeting *(Carmel Rooms A & B)*

Wednesday, October 20 *(Regency A Room)*

8:00 - 9:00 am Rodney Fricke (Aerojet General Corp.) Introduction to Field Trip (local geology; historic operations that may have contributed to the release of chemicals to ground; and activities conducted to date to solve the problem)
9:00 - 10:00 am Travel to Aerojet General Corp
10:00 am - 12:00 pm Tour of treatment facilities (Sector D: ground-water extraction and treatment of perchlorate using ion exchange media; and Sectors E/F: ground-water extraction and treatment of perchlorate using fluidized bed reactors (FBR), NDMA and chlorinated ethylenes using ultra-violet oxidation, and VOCs using air stripping technology)
12:00 - 1:30 pm Travel to Lions Gate Inn in McClellan and Lunch (\$13 each)
1:30 - 2:30 Welcome and presentations - slides from May 28 tour, SVE radiation update, diffusion sampling results, results of UXO investigation (if available)
2:30 - 4:30 Base tour - IC34/35/37 Microwave site, IC 23 to view shielding), UVox system, CS10, GWTP/OU C-1 (SVE site)

Thursday, October 21 *(Regency C Room)*

8:00 am - 12:00 pm Registration *(Outside Regency C Room)*
8:00 - 8:45 am David Cooper (EPA, OSRTI) Superfund Emerging Contaminants Program
8:45 - 9:30 am Ed Coppola (ARA) Bio-Reactors
10:00 - 10:15 am BREAK
10:30 - 11:15 am Vic Madrid (Lawrence Livermore National Laboratory) Remedial strategy for perchlorate-bearing commingled plumes at an explosives test facility
11:15 - 12:00 pm Harry Beller (Lawrence Livermore National Laboratory) Use of novel analytical techniques for detecting perchlorate and RDX degradation products in ground water

Produced: 10/13/2004 7:26 PM