



2004 AFCEE Technology Transfer Workshop

Date

Monday, 16 August 2004 - Thursday, 19 August 2004

Hosts

Air Force Center for Environmental Excellence (AFCEE)
Air Force Real Property Agency (AFRPA)

Location

Henry B Gonzalez Convention Center, San Antonio, Texas

Overall Agenda

Day	Monday, 16 August	Tuesday, 17 August			Wednesday, 18 August		
Morning Sessions	No Scheduled Sessions	Performance-based Management (PBM) – A New Approach to Increase Restoration Effectiveness			Technical Workshop Sessions		
					Enhanced Bioremediation – Technology Highlights and Case Studies	AFCEE Technology Transfer Toolbox Update	Alternative Landfill Covers – New Concepts for the Remediation and Closure of Landfill Sites
Morning Sessions and Short Courses	2004 AFCEE Technology Transfer Workshop General Session	Technical Workshop Sessions			Technical Workshop Sessions and Short Courses		
		Monitored Natural Attenuation to Achieve Site-specific Remedial Objectives	Performance-based Management (PBM) – Achieving Your Exit Strategy	Enhanced Bioremediation – Back to the Basics	Stream-lined Site Characterization Tools	Short Course: Risk Communication - How to Communicate in Difficult/Challenging Situations with Stakeholders	Short Course: Making Better MNA Demonstrations: Applying AFCEE's Software Tools

Day	Monday, 16 August	
Morning Sessions	General Session Begins Monday Afternoon	
Session	2004 AFCEE Technology Transfer Workshop General Session	
Chair	AFCEE/TD	
Co-Chair	AFCEE/TDE	
Afternoon	Opening Remarks and Workshop Logistics	Chief, Environmental Science Division, Air Force Center for Environmental Excellence
	Welcome	Director, Air Force Center for Environmental Excellence
	Workshop Overview and Technology Program Review	Director, Technical Directorate, Air Force Center for Environmental Excellence
	The Civil Engineer	
	Chief, Environmental Division, Headquarters US Air Force Office of the Civil Engineer. Deputy Chief of Staff for Installations and Logistics	
	Break	
	Air Force Real Property Agency	
	Deputy Assistant Secretary of the Air Force Environment, Safety and Occupational Health	
	Using PBM to Transform A Contaminated Third Party Site into A Viable Industrial Site	Director, Environmental Quality, Defense Logistics Agency
Adjourn for the Day		

Day	Tuesday, 17 August						
Session	Performance-based Management (PBM) – A New Approach to Increase Restoration Effectiveness						
Chair	AFCEE/TDE						
Morning	Transformation of the Air Force Restoration Program				US AF/ILEVR		
	The Air Force and Remedial Process Optimization (RPO)				AFCEE/TDE		
	Triad: An Approach for Improving Confidence in Project Decisions				US EPA		
	Decision-making During Triad Projects				Hayworth Engineering Science, Inc.		
	Break						
	Performance-based Contracting – Executing Your Objective				AFCEE/ICM		
	Performance-based Management of the US Air Force Environmental Restoration Program				AFCEE/TDE		
	Performance-based Management – Where do we go from here?				AFCEE/TDE		
Lunch							
Session	Monitored Natural Attenuation to Achieve Site-specific Remedial Objectives		Performance-based Management (PBM) – Achieving Your Exit Strategy		Enhanced Bioremediation – Back to the Basics		
Chair	AFCEE/IWE		AFCEE/TDE		AFCEE/TDE		
Afternoon	Monitored Natural Attenuation to Achieve Site-Specific Remedial Objectives – Back to the Basics		US EPA	Performance-based Management – Roadmap to Closure, Your Exit Strategy	AFCEE/TDE	Bioremediation of Chlorinated Solvents – Neat Science or Remedial Technology?	Mitretek Systems
	Revisiting the Monitored Natural Attenuation Protocols		Parsons	What Makes Performance-based Management (PBM) Work	Booz Allen Hamilton	Road Map for Enhanced In Situ Anaerobic Bioremediation	Parsons
	AFCEE Long-Term Monitoring Optimization Tools and Case Studies		AFCEE/BCE	Building the Case for Response-Action Completion: The Role of Performance-based CSMs, RAOs, and Compliance Requirements	Mitretek Systems	Biogeochemical Reductive Dechlorination	Earth Science Services, LLC
	How Long? How Far? Application of AFCEE's MNA Software Tools		Groundwater Services, Inc.	Remedial Process Optimization in Performance Management Review Implementation at AFRPA	AFRPA/EV	Anaerobic Biodegradation: What Do You Need to Know?	Solutions Industrial & Environmental Services, Inc.
	Break						
	Site Closure at Multiple Air Force Installations		Parsons	Technical Implementation of PBM at Arctic Surplus, Fairbanks, AK	AFCEE/IW	Enhanced Anaerobic Dechlorination Substrate Alternatives – Where are we today?	Integrated Science and Technology, Inc.
	Successful Implementation of MNA as a RCRA Remedy for Ground Water Contamination		AFRPA/DB, Rickenbacker, OH	Rapid Source Zone Delineation of Chlorinated Solvents – A Case Study	00-ALC/EM, Hill AFB, UT	Distribution of <i>Dehalococcoides</i> at DoD Chlorinated Solvent Sites – Do you need to bioaugment?	US EPA
	Monitored Natural Attenuation – Lessons Learned		AFCEE/IWE	BOMARC Missile Site Source Area RI	McGuire AFB, NJ	Candidate Site Screening, Substrate Distribution, and Pilot Testing Procedures	Mitretek Systems
			Lynn Haven DFSP, Triad Assessment for Future Redevelopment	Tyndall AFB, FL			
Ice Breaker Reception							

Day	Wednesday, 18 August					
Session	Enhanced Bioremediation – Technology Highlights and Case Studies		AFCEE Technology Transfer Toolbox Update		Alternative Landfill Covers – New Concepts for the Remediation and Closure of Landfill Sites	
Chair	AFCEE/TDE		AFCEE/TDE		AFCEE/ICM	
Morning	System Monitoring and Performance Evaluation Strategies	Mitretek Systems	Overview of Technology Transfer, the Process, and the Initiatives	AFCEE/TDE	Phytoremediation – New Concepts for Remediation and Closure of DOD Sites	AFCEE/ICM
	Anaerobic Bioremediation Using Edible Oils – Design and Field Implementation	Solutions Industrial & Environmental Services, Inc.	Cost-effective Options for DNAPL Source Zone Treatment	The RETEC Group, Inc.	It's Like Watching Grass Grow: Update of the Phytostabilization Demonstration	Parsons
	Soluble Carbohydrates Biostimulation - Statistics and Trends	Arcadis G&M, Inc.	Risk-based Approach to Remediation	AFCEE/TDE	Evaluation of Models for ET Cover Design	Mitretek Systems
	Permeable Biowalls for Enhanced In Situ Anaerobic Bioremediation	Parsons	Perchlorate Treatment Technologies at DOD Facilities	NFESC	Regulatory Acceptance of Alternative Final Landfill Covers and the Associated Decisions	CO Department of Public Health and Environment
	Break					
	Extending Enhanced Bioremediation to Other Compounds	SERDP Program Office	Status Report - Air Force Soil Vapor Intrusion Guidance Document	AFIOH	Alternative Evapotranspiration Landfill Covers: Cost-Effective Landfill Closure at Kirtland AFB, NM	Tetra Tech FW, Inc.
	Bioremediation Scenarios: What Will Emerge?	Groundwater Services, Inc.	Challenges and Opportunities in Addressing Emerging Constituents within the DOD	Mitretek Systems	Removing Chlorinated Hot Spots in Landfills Using In-Situ Bioreactors	Parsons
Enhanced Bioremediation – Lessons Learned	Mitretek Systems	SERDP and ESTCP Opportunities	SERDP Program Office	Lessons Learned	AFCEE/ICM	
Lunch						
Session	Stream-lined Site Characterization Tools		Short Course: Risk Communication		Short Course: Making Better MNA Demonstrations – Applying AFCEE's Software Tools	
Chair	AFCEE/IWE		AFIOH		GSI	
Afternoon	The Benefits of Rapid Site Characterization	AFCEE/IWE	Risk Communication - How to Communicate in Difficult/Challenging Situations with Stakeholders	Fulton Communications	Making Better MNA Demonstrations: Applying AFCEE's Software Tools	Groundwater Services, Inc.
	Review of SCAPS, CPT, and "Geoprobe" Tools					
	Results of An Extensive Passive Diffusion Bag Sampler Demonstration	Parsons				
	Flux Sampling Configurations for Monitored Natural and Enhanced Contaminant Attenuation	University of Florida				
	Break					
Direct Push Sensors for Detection of Chlorinated Solvents	Dakota Technologies, Inc.	CONTINUED			CONTINUED	
Rapid Site Characterization for Munitions Response Sites	AFCEE/TDR					
Demonstration/ Validation of Direct Push Wells for Long-term Monitoring	US Army Research and Development Center					
Workshop Adjourns						