

AGENDA
ADDRESSING UNCERTAINTY AND MANAGING RISK
AT CONTAMINATED SEDIMENT SITES

USACE/USEPA/SMWG Joint Sediment Conference
 October 26-28, 2004

<i>Monday</i> <i>October 25, 2004</i>			
<i>4:00 p.m. - 7:30 p.m.</i>	<i>Early Registration</i>		
<i>Day 1 - Tuesday</i> <i>October 26, 2004</i>			
<i>7:30 a.m. - 8:00 a.m.</i>	<i>Continental Break and Registration</i>		
<i>8:00 a.m. - 8:45 a.m.</i>	<i>Introduction</i>	<i>Todd Bridges (USACE-ERDC)</i> <i>Steve Eills (EPA-HQ)</i> <i>Steve Nadeau (SMWG)</i>	
	1. Addressing Uncertainty and Managing Risk at Contaminated Sediment Sites: Framing the Issues		A
<i>8:45 a.m. - 12:40 p.m.</i>	<i>Panel 1: An Overview of Remedial Activities</i>	<u><i>Co-Moderators:</i></u> <i>Betsy Southerland (EPA-HQ)</i> <i>Danny Reible(University of Texas-Austin)</i>	
<i>8:45 a.m. - 9:10 a.m.</i>	1. Results of EPA's Remedy Effectiveness Study	Betsy Southerland (EPA-HQ)	B
<i>9:10 a.m. - 9:35 a.m.</i>	2. An Overview of Dredging Ins and Outs	John Verduin (Anchor Environmental) Jim Hahnenberg (EPA-R5)	C
<i>9:35 a.m. - 10:00 a.m.</i>	3. An Overview of Capping Ups and Downs	Mike Palermo (Mike Palermo Consulting) Ram Mohan (BBL)	D
<i>10:00 a.m. - 10:20 a.m.</i>	<i>Break</i>		

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<i>Day 1 - Tuesday</i> <i>October 26, 2004 (cont.)</i>			
10:20 a.m. - 10:45 a.m.	4. An Overview of MNR Pros and Cons	Clay Patmont (Anchor Environmental) Craig Zeller (EPA-R4)	E
10:45 a.m. - 11:10 a.m.	5. Status of Ex Situ and In Situ Treatment Methods	Kevin Gardner (University of New Hampshire) Eric Stern (EPA-R2)	F
<i>11:10 a.m. - 11:50 a.m.</i> <i>11:50 a.m. - 12:40 p.m.</i>	<i>Panel Discussion</i> <i>Open Dialogue with Audience</i>		
<i>12:40 p.m. - 1:40 p.m.</i>	<i>Lunch - On Your Own</i>		
<i>1:40 p.m. - 5:30 p.m.</i>	<i>Panel 2: Setting the Stage for Effective Management Decisions</i>	<u><i>Co-Moderators:</i></u> <i>Charlie Menzie (Menzie-Cura & Associates)</i> <i>Susan Svirsky (EPA-R1)</i>	
1:40 p.m. - 2:05 p.m.	1. Making Effective Use of Conceptual Site Models for Management Decision Making	Charlie Menzie (Menzie-Cura & Associates) Simeon Hahn (NOAA)	G
2:05 p.m. - 2:30 p.m.	2. Optimized Use of Conceptual and Mathematical Models in Sediment Assessment and Management	John Connolly (QEA)	H
2:30 p.m. - 2:55 p.m.	3. Asking Good Questions: The DQO Process and Beyond	Steve Garbaciak (BBL) Jason Speicher (U.S. Navy)	I
2:55 p.m. - 3:20 p.m.	4. Assessing and Managing Exposure at Relevant Spatial and Temporal Scales	Igor Linkov (Cambridge Environmental) Trina von Stackelberg (Menzie-Cura & Associates)	J

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<i>Day 1 - Tuesday</i> <i>October 26, 2004 (cont.)</i>			
3:20 p.m. - 3:40 p.m.	Break		
3:40 p.m. - 4:05 p.m.	Meeting Remediation and Restoration Objectives: How Do We Measure Success?	Steve Ells (EPA-HQ) Ron Gouguet (NOAA)	K
4:05 p.m. - 4:45 p.m. 4:45 p.m. - 5:30 p.m.	<i>Panel Discussion</i> <i>Open Dialogue with Audience</i>		
6:00 p.m. - 8:00 p.m.	<i>Cocktail Reception for all Participants (cash bar)</i>		
<i>Day 2 - Wednesday</i> <i>October 27, 2004</i>			
7:30 a.m. - 8:00 a.m.	<i>Continental Breakfast</i>		
8:00 a.m. - 12:15 p.m.	<i>Panel 3: Processes of Relevance to Selecting Remedies</i>	<i>Co-Moderators:</i> <i>Bob Engler (USACE-ERDC)</i> <i>Dave Nakles (RETEC)</i>	
8:00 a.m. - 8:25 a.m.	1. Understanding, Predicting, and Monitoring Contaminant Releases During Dredging	Paul Schroeder (USACE-ERDC) Kirk Ziegler (QEA)	L

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<i>Day 2 - Wednesday October 27, 2004 (cont.)</i>			
8:25 a.m. - 8:50 a.m.	2. Estimating and Evaluating Post-Dredging Residuals: Approaches, Tools and Methods	Don Hayes (University of Utah) Clay Patmont (Anchor Environmental)	M
8:50 a.m. - 9:15 a.m.	3. The Thin and Thick of Caps: Physical and Chemical Processes Affecting Cap Design and Performance	Danny Reible (University of Texas-Austin) Carlos Ruiz (USACE-ERDC)	N
9:15 a.m. - 10:10 a.m.	4. Biological Processes Affecting Remedial Design and Performance	Mike Montgomery (U.S. Navy) Gerald Matisoff (Case Western Reserve University)	O
<i>10:10 a.m. - 10:30 a.m.</i>	<i>Break</i>		
10:30 a.m. - 10:55 a.m.	5. Physical and Chemical Stability of Contaminants in Sediments: Using Multiple Lines of Evidence	Joe Gailani (USACE-ERDC) Mike Erickson (BBL)	P
<i>10:55 a.m. - 11:20 a.m. 11:20 a.m. - 12:10 p.m.</i>	<i>Panel Session Open Dialogue with Audience</i>		
<i>12:15 p.m. - 1:15 p.m.</i>	<i>Lunch (on Your Own)</i>		
<i>1:15 p.m. - 5:25 p.m.</i>	<i>Panel 4: Understanding and Managing Uncertainty in Assessment and Management</i>	<i>Co-Moderators: Marc Greenberg (EPA-HQ) Terry Sullivan (Brookhaven National Laboratory)</i>	
1:15 p.m. - 1:40 p.m.	1. Expressing/Presenting Uncertainties in Empirical Data and Modeling Results	Dwayne Moore (CanTox Environmental)	Q

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<i>Day 2 - Wednesday</i> <i>October 27, 2004 (cont.)</i>			
1:40 p.m. - 2:05 p.m.	2. Uncertainty Analysis as an Aid Rather than a Hindrance to Decision Making	Trina von Stackelberg (Menzie-Cura & Associates)	R
2:05 p.m. - 2:45 p.m.	3. Deriving Sensible Risk-Based Cleanup Targets	Todd Bridges (USACE-ERDC) Randy Sturgeon (EPA-R3) Bridgette DeShields (BBL)	S
2:45 p.m. - 3:10 p.m.	4. Considering Uncertainty in Remedy Design and Implementation	Chuck Barnes (BBL)	T
<i>3:10 p.m. - 3:30 p.m.</i>	<i>Break</i>		
3:30 p.m. - 3:55 p.m.	5. Adaptive Management as a Measured Response to the Uncertainty Problem	John Connolly (QEA) Mary Logan (EPA-R5)	U
<i>3:55 p.m. - 4:35 p.m.</i> <i>4:35 p.m. - 5:25 p.m.</i>	<i>Panel Discussion</i> <i>Open Dialogue with Audience</i>		
<i>Day 3 - Thursday</i> <i>October 28, 2004</i>			
<i>7:30 a.m. - 8:00 a.m.</i>	<i>Continental Breakfast</i>		
8:00 a.m. - 12:15 p.m.	<i>Panel 5: Comparison-Based Decision Making</i>	<u><i>Co-Moderators:</i></u> <i>Mark Brown (BBL)</i> <i>Leah Evison (EPA-HQ)</i>	

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<i>Day 3 - Thursday October 28, 2004 (cont.)</i>			
8:00 a.m. - 8:25 a.m.	1. The Role of Tradeoffs in Sediment Management	Mary Logan (EPA-R5) Larry McShea (Alcoa)	V
8:25 a.m. - 8:50 a.m.	2. Application of Multi-Criteria Decision Analysis Tools	Greg Kiker (USACE-ERDC) Doug MacNair (TER)	W
8:50 a.m. - 9:15 a.m.	3. Dollars and Sense in Risk Management Decision Making*	Leah Evison (EPA-HQ) John Stansbury (University of Nebraska-Lincoln) Nancy Grosso (Dupont)	X
9:15 a.m. - 9:40 a.m.	4. Capturing and Incorporating Stakeholder Interests and Values	Lenny Siegel (Center for Public Environmental Oversight)	Y
<i>9:40 a.m. - 10:00 a.m.</i>	<i>Break</i>		
10:00 a.m. - 10:30 a.m.	5. The Need for Comparative Net Risk Evaluation (CNRE) - Steps Toward Resolution	John George (Alcoa)	Z
<i>10:30 a.m. - 11:10 a.m. 11:10 a.m. - 12:00 p.m.</i>	<i>Panel Session Open Dialogue with Audience</i>		
<i>12:00 p.m. - 1:00 p.m.</i>	<i>Lunch (On Your Own)</i>		
<i>1:00 p.m. - 4:00 p.m.</i>	<i>Summary and Synthesis</i>		<i>Co-Moderators: Steve Nadeau (SMWG), Steve Ells (EPA-HQ) Todd Bridges (USACE-ERDC)</i>
1:00 p.m. - 1:25 p.m.	1. Panel 1 synthesis	Betsy Southerland (EPA-HQ) Danny Reible (University of Texas-Austin)	

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1:25 p.m. - 1:50 p.m.	2. Panel 2 Synthesis	Charlie Menzie (Menzie-Cura & Associates) Susan Svirsky (EPA-R1)	
1:50 p.m. - 2:15 p.m.	3. Panel 3 Synthesis	Bob Engler (USACE-ERDC) d Dave Nakles (RETEC)	
<i>2:15 p.m. - 2:40 p.m.</i>	<i>Break</i>		
2:40 p.m. - 3:05 p.m.	4. Panel 4 Synthesis	Marc Greenberg (EPA-HQ) Terry Sullivan (US DOE)	
3:05 p.m. - 3:30 p.m.	5. Panel 5 Synthesis	Mark Brown (BBL) and Leah Evison (EPA-HQ)	
<i>3:30 p.m. - 4:00 p.m.</i>	<i>Wrap Up and Next Steps</i>	<i>Steve Nadeau (SMWG), Steve Ells (EPA-HQ) Todd Bridges (USACE-ERDC)</i>	

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