

**Freshwater Spills Symposium 2009
PROGRAM**

EPA FRESHWATER SPILLS SYMPOSIUM PLENARY SESSION

Tuesday, April 28, 2009 – 9:00 AM

Mississippi Ballroom – Millennium Hotel – Downtown St. Louis

8:00 AM

Onsite Symposium Registration 8:00 AM to 5:00 PM – Daily

9:00 AM

2.5 hrs

(followed by
lunch on
your own)

Opening: Leigh DeHaven, EPA Freshwater Spills Symposium Coordinator, EPA Office of Emergency Management (OEM)

Welcome and Remarks: Alice Geller, Deputy Director of Field Services, Missouri Department of Natural Resources

EPA Office of Emergency Management Update: Craig Matthiessen, Director, Regulation and Policy Development Division, Washington, DC

Prevention: Mark Howard – Spill Prevention, Control and Countermeasure (SPCC) Overview

Preparedness & Response: Arlene Anderson – Facility Response Plans (FRP) Overview

Response: Nick Nichols – Subpart J Regulation of NCP Product Schedule and Tribal Environmental Issues

Featured Plenary Speakers:

Katy Miley, On-Scene Coordinator, EPA Region 7 – Coffeyville Flood Response Case Study

Captain James Hanzalik, U.S. Coast Guard Eighth Coast Guard District Chief of the Incident Management Branch, New Orleans, LA – DM932 Oil Spill

Steve Fleischli, President, Waterkeeper Alliance, NGO

Tuesday, April 28, 2009 – Afternoon Sessions

Freshwater Spills Symposium

<p>1:30 PM</p> <p>1.5 hrs</p>	<p>Tank Talk</p> <p>Chairs: Mark Howard, EPA HQ & Greg Wilson, EPA HQ</p> <p>Room: Mississippi</p>	<p>Future of Area Planning and Its Vital Role in Response</p> <p>Chairs: Ann Whelan, EPA R5 & CDR Bill Robberson, EPA R9</p> <p>Room: Lewis & Clark</p>	<p>National Response Team: Updates in Emerging Issues in Oil and Hazardous Materials Response</p> <p>Chair: Mike Faulkner, EPA HQ</p> <p>Room: Field</p>	<p>Freshwater Response Using Airboats</p> <p>Chair: Cosmo Caterino, EPA R1</p> <p>Room: Chouteau</p>
	<p>Steel Tank Institute Standards for Inspection and Repair of Tanks <i>Dana Schmidt, Steel Tank Institute</i> [1.5 hrs]</p>	<p>The Brave New 'Digital' World of Area Planning – EPA Tools and Resources <i>CDR Bill Robberson, EPA R9</i> [30 min]</p>	<p>More Than 30,000 Environmental Emergencies Occur Each Year: Are You Ready? <i>Mike Faulkner (NRT Executive Director, EPA HQ)</i></p>	<p>Freshwater Response with Airboats: Establishing a Program, Operational Concerns, and Deployment Tactics <i>Chester Karella, Alaska Clean Seas</i> [1.5 hrs]</p>
	<p>Templates for Contingencies: The Underworld of Area Planning <i>Ann Whelan, EPA R5</i> [30 min]</p>	<p>Using GPS and GIS for Hawaii Inland Area Contingency Planning <i>Shelly Lam, Tetra Tech, Inc.</i> [30 min]</p>	<p>Use of Volunteers During Oil Spill Response – NRT Concept <i>LT Latarsha McQueen (USCG Headquarters Office of Incident Management and Preparedness, Oil and Hazmat Division)</i> [1.5 hrs]</p>	
<p>3:00 PM</p>	<p>30 Minute Break</p>		<p>30 Minute Break</p>	
<p>3:30 PM</p> <p>1.5 hrs</p>	<p>Spill Prevention, Control and Countermeasure (SPCC)</p> <p>Chair: Mark Howard, EPA HQ</p> <p>Room: Mississippi</p>	<p>Future of Area Planning and its Vital Role in Response (cont'd)</p> <p>Chairs: Ann Whelan, EPA R5 & CDR Bill Robberson, EPA R9</p> <p>Room: Lewis & Clark</p>	<p>Oiled Wildlife Issues</p> <p>Chair: Rebecca Dunne, Tri State Bird Rescue & Research, Inc.</p> <p>Room: Field</p>	<p>Unique Inland Response Strategies</p> <p>Chair: Elizabeth Jones, NOAA</p> <p>Room: Chouteau</p>
	<p>SPCC Rule: The 2008 Amendments and Their Current Status <i>Mark Howard, EPA HQ</i> [60 min]</p>	<p>Spill Response on the Upper Mississippi River: Tools, Techniques, and Lessons Learned <i>Dave Hokanson, Upper Mississippi River Basin Authority (UMRBA); Joe Davis, EPA R7 & Steve Faryan, EPA R5</i> [30 min]</p>	<p>Recruitment and Use of Volunteers in an Urban Wildlife Response <i>Rebecca Dunne, Tri State Bird Rescue & Research, Inc.</i> [30 min]</p>	<p>IBAMA's Prevention Measures for Oil Spills in the Inland Areas Along Highways <i>Fernanda Cunha Pirillo Inojosa, IBAMA</i> [30 min]</p>
	<p>Cost Saving Estimates for EPA's Oil Spill Prevention Amendments <i>George Denning, EPA HQ</i> [30 min]</p>	<p>The Future of Area Planning <i>Ann Whelan, EPA R5</i> [30 min]</p>	<p>Management of Oil Field Wastewater Disposal Facilities to Minimize Threats to Migratory Birds <i>Pedro Ramirez, USFWS</i> [30 min]</p>	<p>Rapid Response Trailers for Inland Refineries – Focus on Tier 1 Response Needs <i>Tom Coolbaugh, Exxon Mobil</i> [30 min]</p>
<p>5:00 PM</p>			<p>Innovations in Wildlife Rescues at Oil Spills <i>Buddy Goatcher, USFWS; Anthony Velasco & Walter Cotton, USDA/APHIS Wildlife Services</i> [30 min]</p>	<p>Ice Safety Awareness: A Practical Guide to Ice Safety <i>Chester Karella, Alaska Clean Seas</i> [30 min]</p>

Wednesday, April 29, 2009 – Morning Sessions

Freshwater Spills Symposium

<p>8:30 AM</p> <p>1.5 hrs</p>	<p>Spill Prevention, Control and Countermeasure (SPCC)</p> <p>Chair: Mark Howard, EPA HQ</p> <p>Room: Missouri</p>	<p>Area Planning</p> <p>Chair: LT Rob McCaskey, USCG</p> <p>Room: Jefferson “DEF”</p>	<p>Regional Response: Strategies & Case Studies</p> <p>Chair: Jeff Weatherford, EPA R7</p> <p>Room: Lewis & Clark</p>	<p>Understanding Fuel Grade Ethanol Composition and Phase Properties</p> <p>Chair: Jim Weaver, EPA ORD</p> <p>Room: Meramec</p>
	<p>Top 10 Misconceptions about SPCC *Updated for 2009* <i>Christopher Ludwa, Booz Allen Hamilton</i> [30 min]</p>	<p>Greater St. Louis Area Spill Response Strategies for the Mississippi River <i>Dave Hokanson, UMRBA</i> [30 min]</p>	<p>Shallow Water Boom Deployment & Spill Containment Case Study in Central Nebraska <i>Todd Campbell, EPA R7</i> [30 min]</p>	<p>Composition and Behavior of Ethanol Gasolines <i>Jim Weaver, EPA ORD</i> [1.5 hrs]</p>
	<p>Measuring Benefits of Oil Spill Prevention: Methods & Approaches <i>George Denning, EPA HQ</i> [30 min]</p>	<p>Developing Dam Specific Spill Plans Using the Spokane River Response Group and Geographic Response Plan <i>Rebecca Post, WA State Department of Ecology</i> [30 min]</p>	<p>Magellan Mid-Stream Partners Tank Fire, June 2008 <i>Katy Miley, EPA R7</i> [30 min]</p>	
	<p>Self-Certified Spill Prevention Control and Countermeasure (SPCC) Plans <i>Mark Howard, EPA HQ</i> [30min]</p>	<p>Geographic Response Plans: Comparison & Recommendations <i>Mark Ellis, UMRBA</i> [30 min]</p>	<p>Partnering to Protect Public Health in the Coffeyville, KS Flood and Oil Spill Response <i>Sue Casteel, ATSDR</i> [30 min]</p>	
<p>10:00 AM</p>	<p>30 Minute Break</p>		<p>30 Minute Break</p>	
<p>10:30 AM</p> <p>1.5 hrs</p>	<p>Spill Prevention, Control and Countermeasure (SPCC)</p> <p>Chair: Mark Howard, EPA HQ</p> <p>Room: Missouri</p>	<p>Technology as a Preparedness and Response Tool</p> <p>Chair: Stuart Eddy, Great Lakes Commission</p> <p>Room: Jefferson “DEF”</p>	<p>Oil Spill Case Studies: Rivers and Creeks</p> <p>Chair: CDR Drew Tucci, USCG</p> <p>Room: Lewis & Clark</p>	<p>Inland In-Situ Burning</p> <p>Chair: David Fritz, BP America</p> <p>Room: Meramec</p>
	<p>The Impact of the 2008 SPCC Rule on Oil Production Facilities <i>Richard Franklin, EPA HQ</i> [30 min]</p>	<p>USEPA R7 Response/Sensitivity Atlas <i>Paul Doherty, EPA R7; Joe Davis, EPA R7 OSC & Colin Willits, START Contractor</i> [30 min]</p>	<p>Response to Light Crude Spills in Transitioning Seasonal Environments <i>Kevin Oscar, SWAT Consulting, Inc.</i> [30 min]</p>	<p>Inland In-Situ Burning of Oil Spills: Regulations and Authorizations <i>Leigh DeHaven, EPA HQ</i> [15 min]</p>
	<p>SPCC Compliance: Design Build Considerations for Secondary Containment <i>Ron Elder, Burns & McDonnell Engineering Company, Inc.</i> [60 min]</p>	<p>Oil Spill Removal Organization Classification and Verification Program <i>LT Robert Gore, USCG</i> [30 min]</p>	<p>Tank Barge DM 932 Spill, July 23, 2008. The Response from the Perspective of the “Environment Unit” <i>Robert Simmons, Environmental Science Services, Inc.</i> [30 min]</p>	<p>Oil Spill Response Summary of In-Situ Burn Practitioners Workshop, December 2008 <i>Thomas Coolbaugh, Exxon Mobil; Marc Hodges, API</i> [30 min]</p>
<p>12:00 PM</p>		<p>Data Resources Through the US Integrated Earth and Ocean Observing Systems <i>Stuart Eddy, Great Lakes Commission</i> [30 min]</p>	<p>EPA & Tribal Partnership to Preserve and Restore Land in Indian Country Discussion <i>Nick Nichols, EPA HQ</i> [30 min]</p>	<p>Panel Discussion with ISB presenters, Session Chair David Fritz and Chester Karella, Alaska Clean Seas [45 min]</p>

Wednesday, April 29, 2009 – Afternoon Sessions

Freshwater Spills Symposium

<p>1:30 PM 1.5 hrs</p>	<p>Plan Requirements for Oil Facilities Covered by EPA's Facility Response Plan (FRP) Regulation</p> <p>Chair: Arlene Anderson, EPA R2</p> <p>Room: Missouri</p>	<p>Emergency Preparedness and Planning</p> <p>Chair: Roberta Runge, EPA HQ</p> <p>Room: Jefferson "DEF"</p>	<p>Oil Finger Printing and Oil Spill Monitoring</p> <p>Chair: Todd Campbell, EPA R7</p> <p>Room: Lewis & Clark</p>	<p>Submerged Oil Research and Response</p> <p>Chair: CDR James Elliott, USCG</p> <p>Room: Meramec</p>
	<p>Plan Requirements Under EPA's Facility Response Plan (FRP) Regulation</p> <p>1) <i>Troy Swackhammer, EPA HQ</i> 2) <i>Arlene Anderson, EPA R2</i> 3) <i>Mia Pasquerella, EPA R1</i> [1.5 hrs]</p>	<p>U.S. EPA Implementation of NIMS (National Incident Management System) <i>Roberta Runge, EPA HQ</i> [45 min]</p>	<p>Forensic Fingerprinting and Source Identification of the Lake Temiskaming (Quebec) Mystery Oil Spill (2008) <i>Zhendí Wang, Environment Canada</i> [30 min]</p>	<p>Preliminary Research for Oil on the Bottom Detection Technologies <i>Kurt Hansen USCG R&D</i> [30 min]</p>
		<p>Region 7 Iowa Flood Response <i>Katy Miley, EPA R7</i> [45 min]</p>	<p>Application of Bicyclic Sesquiterpanes in Forensic Identification of Light Petroleum Products Spilled on Water <i>Chun Yang, Environment Canada</i> [30 min]</p>	<p>Magnolia Marine Transport Tank Barge MM53 Case Study, January 2006 <i>Andrew Milanes Environmental Science Services, Inc.</i> [30 min]</p>
			<p>Upper Mississippi River Water Quality Monitoring Network <i>Joel Allen, EPA ORD</i> [30 min]</p>	<p>Barge DBL-152 November 11, 2005 <i>Steve Lehmann, NOAA</i> [30 min]</p>
<p>3:00 PM</p>	<p>30 Minute Break</p>		<p>30 Minute Break</p>	
<p>3:30 PM 1.5 hrs</p>	<p>Tank Talk #2 and Spill Prevention, Control and Countermeasure (SPCC)</p> <p>Chair: Mark Howard</p> <p>Room: Missouri</p>	<p>A Comparison of Public Information Management at the Cosco Busan and DM 932 Spills, SONS 07 Exercise, and Hurricane Ike – A Public Information Officer/Joint Information Officer Overview</p> <p>Chair: Sheila Calovich, EPA R5</p> <p>Room: Jefferson "DEF"</p>	<p>Chemical and Biological Countermeasures</p> <p>Chair: Nick Nichols, EPA HQ</p> <p>Room: Lewis & Clark</p>	<p>Flooding and Oil Spill Response</p> <p>Chair: Paul Doherty, EPA R7</p> <p>Room: Meramec</p>
	<p>Oil Spill Case Study – Ambès Tank Farm (Gironde, France) <i>Mikaël Laurent, CEDRE</i> [30 min]</p>	<p>Plan, Execute Exercise, and Communicate the Importance of Crisis Communication <i>Ginny Narsete, EPA R5 & Vicki Rosen, EPA R9</i> [45 min]</p>	<p>U.S. EPA NCP Subpart J Product Schedule (40 CFR 300.900) <i>Nick Nichols, EPA HQ</i> [30 min]</p>	<p>Missouri Flood Response 2008 <i>Heath Smith EPA R7</i> [30 min]</p>
	<p>SPCC and FRP "Stump the Regulator" <i>Mark Howard, EPA HQ; Troy Swackhammer, EPA HQ & Richard Franklin, EPA R10</i> [30 min]</p>	<p>Public Information Management: Cosco Busan and DM 932 Oil Spills <i>CWO Brandon Brewer & Larry Chambers, USCG</i> [45 min]</p>	<p>Testing and Validation of RRT V Protocol for the Approval of Shoreline Surface Washing Agents in Freshwater Environments <i>Sankaran KrishnaRaj, Environment Canada</i> [30 min]</p>	<p>KS/OK Flooding and the Coffeyville Oil Spill Response (Regions 6 and 7) <i>Jhana Enders, EPA R6</i> [30 min]</p>
<p>5:00 PM</p>			<p>Summary of the Literature on the Use of Commercial Bioremediation Agents for Cleanup of Oil-Contaminated Environments <i>Nick Nichols, EPA HQ</i> [30 min]</p>	<p>Challenges of a Medium Crude Oil Spill in Spring Runoff Conditions <i>Kevin Oscar, SWAT Consulting</i> [30 min]</p>

Thursday, April 30, 2009 – Morning Session Symposium

Freshwater Spills

8:30 AM 1.5 hrs	Oil Spill Drills and Exercises under the Facility Response Plan (FRP) Regulation (40 CFR part 112) Chair: Troy Swackhammer, EPA HQ Room: Missouri	Natural Resource Management and Oil Spills Chair: Dave Mosby, Missouri Dept. of Natural Resources (DNR) Room: Lewis & Clark	Response Strategies: Booming Chair: Joe Davis, EPA R7 Room: Meramec	
	Government-Initiated Unannounced Exercises (GIUE) Under the Facility Response Plan (FRP) Rule 1) <i>Troy Swackhammer, EPA HQ</i> 2) <i>Arlene Anderson, EPA R2</i> 3) <i>Mia Pasquerella, EPA R1</i> [1.5 hrs]	ESA MOU for Oil Spill Response: An Example of Emergency Formal Consultation in Action <i>Suzanne Dudding, USFWS</i> [30 min]	Oil Spill Response in Fast Water for the Responder <i>Chester Karella & Gary Stock, Alaska Clean Seas</i> [30 min]	Tugboat Omaha Grounding <i>LT Rob McCaskey, USCG & LCDR LaDonn Allen (USCG)</i> [30 min]
		Natural Resource Trustees and Natural Resource Managers: Are They One in the Same? <i>Greg Hogue, DOI</i> [30 min]	Use of Current Buster in a Static Deployment <i>Lance Douglas & Chester Karella, Alaska Clean Seas</i> [30 min]	
		Aquatic Nuisance Species Release During Emergency Response: A More Permanent Impact than the Original Spill? <i>Phyllis Green, Isle Royal Park Service</i> [30 min]		
10:00 AM	30 Minute Break		30 Minute Break	
10:30 AM 1.5 hrs		Pipelines Chair: Barbi Lee, EPA R5 Room: Lewis & Clark	Response Strategies: Booming Continued Chair: Joe Davis, EPA R7 Room: Meramec	
		A Navajo EPA Case Study – Transwestern Pipeline Co. and Others <i>Ronnie Ben, Navajo Nation EPA, Water Quality/NPDES Program</i> [30 min]	Permanent Boom Deployment Anchors on the San Juan River for Faster Response Times and Minimal Environmental Impact <i>Dee Bradley, DOWCAR</i> [30 min]	
		Marathon Mt. Erie Pipe Line Release Case Study <i>Lori Muller, EPA R5 & Mike Coffey, USFWS</i> [30 min]	The Unique Challenges of Booming Fast Rivers <i>Carl Oskins, DOWCAR</i> [30 min]	
	12:00 PM	Emergency Response Preparedness: Keystone Pipeline Project <i>John Hayes, Transcanada Pipelines</i> [30 min]	Applying Fastwater Booming Techniques to Coastal Environments – Booming of Bolinas Lagoon Preserve <i>Carl Oskins & Dee Bradley, DOWCAR</i> [30 min]	

Thursday, April 30, 2009 – Afternoon Sessions

Freshwater Spills Symposium

<p>1:30 PM</p> <p>1.5 hrs</p>	<p>Biofuels: Regulations and Response</p> <p>Chair: Heath Smith, EPA R7</p> <p>Room: Missouri</p>	<p>Drills and Exercises</p> <p>Chair: Tom Rayburn, EnSafe, Inc.</p> <p>Room: Lewis & Clark</p>	<p>International Case Studies: Spill Response in Desert/Arid Terrain</p> <p>Chair: David Fritz, BP</p> <p>Room: Jefferson EF</p>	<p>Cold Water Response</p> <p>Chair: Carl Oskins, DOWCAR</p> <p>Room: Meramec</p>
	<p>Regulations and Policy for Biofuels <i>Greg Wilson, EPA HQ</i> [30-45 min]</p>	<p>Designing Functional or Full Scale Operations-Based Exercises with Lessons Learned, Artificialities, and Realism <i>Dennis Cashman, USCG</i> [30 min]</p>	<p>Oil Spills in Wadis: Access, Risk Assessment, and Clean Up Technique <i>Aaron Montgomery, Oil Spill Response, Limited (OSRL)</i> [30 min]</p>	<p>Extreme Cold Water Oil Spill Response Techniques in the Lower 48 States <i>Carl Oskins, DOWCAR Environmental Management</i> [total 3 hrs]</p>
	<p>Biofuels and Emerging Issues for Emergency Responders <i>Jeff Kimble, EPA R5</i> [30-45 min]</p>	<p>SONS (2007)-Spills of National Significance <i>Ann Whelan, EPA R5</i> [30 min]</p>	<p>Response to an Oil Spill Incident in Desert Terrain – Wasteland or Oasis? <i>Steve Storey, OSRL</i> [30 min]</p>	
		<p>Area Command – An Overview <i>Bill Simes, EPA R5</i> [30 min]</p>	<p>Challenges of Responding to an Oil Spill Incident in the Desert: Case Study of Yemen Spill 2008 <i>Alam Syah, OSRL</i> [30 min]</p>	
<p>3:00 PM</p>	<p>30 Minute Break</p>		<p>30 Minute Break</p>	
<p>3:30 PM</p> <p>1.5 hrs</p>	<p>Biodiesel Spill Research and Response</p> <p>Chair: Heath Smith, EPA R7</p> <p>Room: Missouri</p>	<p>Drills and Exercises (cont'd)</p> <p>Chair: Tom Rayburn, EnSafe, Inc.</p> <p>Room: Lewis & Clark</p>		<p>Cold Water Response (cont'd)</p> <p>Chair: Carl Oskins, DOWCAR</p> <p>Room: Meramec</p>
	<p>Biofuels in the Environment : A Review of Behaviors, Fates and Effects & possible Remediation Techniques <i>Bruce Hollebone, Environment Canada</i> [45 min]</p>	<p>Department of Defense Oil Spill Response Training and Exercises in Asia <i>Tom Rayburn, EnSafe, Inc.</i> [30 min]</p>		<p>Extreme Cold Water Oil Spill Response Techniques in the Lower 48 States <i>Carl Oskins, DOWCAR Environmental Management</i></p>
	<p>Belle Fountain Ditch Release: Overview of Impacts, Cleanup, and Oversight <i>Josh Wilkerson, Travis Abernathy & Curtis Gateley, Missouri DNR</i> [45 min]</p>			
<p>5:00 PM</p>				