



# 2010 Long-Term Surveillance and Maintenance Conference

Two Rivers Convention Center, Grand Junction, Colorado  
November 15–18, 2010

## AGENDA

### Monday, November 15, 2010

- 2:00 p.m.                      **Optional Site Tour – Grand Junction Disposal Site**  
(pre-registered participants should meet on the south  
side of the convention center)
- 6:30 p.m.–8:00 p.m.        **Registration Open**
- 6:30 p.m.–8:00 p.m.        **Reception – Light appetizers/cash bar** (Colorado River Room I)
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### Tuesday, November 16, 2010

- 7:30 a.m.                      **Registration Open**
- 8:15 a.m.                      **Tom Pauling, Director of Site Operations, U.S. Department of Energy  
Office of Legacy Management (DOE-LM) – Welcome to the 2010  
Long-Term Surveillance and Maintenance Conference**  
(Gunnison River Room)
- 8:30 a.m.                      **Teresa Coons, Mayor of Grand Junction – Welcome to Grand Junction**  
(Gunnison River Room)
- 8:45 a.m.                      **Dave Geiser, Director of DOE-LM – Welcome, DOE-LM Overview and  
2010 Strategic Plan** (Gunnison River Room)
- 9:45 a.m.                      **Break**
- 10:15 a.m.                     **General Session: Property Reuse and Renewable Energy**  
(Gunnison River Room)
- Mark Gilbertson, U.S. Department of Energy Office of Environmental Management (DOE-EM) – *Energy Parks Initiative*
  - Boyd Hathaway, (DOE-EM) – *Hanford Long-Term Stewardship*
  - John Elmer, S.M. Stoller Corporation, Beneficial Reuse – *DOE-LM Renewable Energy Initiatives*
- 11:45 a.m.                     **Lunch** (Colorado River Room II)  
**Keynote Speaker – Richard C. Murphy,**  
**Director of Science and Education, Ocean Futures Society**



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## Tuesday, November 16, 2010 (continued)

- 1:30 p.m.**      **General Session: *Continuing Mission Sites*** (Gunnison River Room)
- John Moon, DOE-EM – *Overview of Small Sites*
  - Robert Fleming, DOE-NNSA – *Long-Term Stewardship at NNSA Sites*
  - David Michlewicz, DOE-SC – *Office of Science Experience with Surveillance and Maintenance of Environmental Remediation*
- 2:30 p.m.**      **Break**
- 3:00 p.m.**      **General Session: *Stakeholder Interaction at Closed Sites***  
(Gunnison River Room)
- Kevin Wideman, Weldon Spring Stakeholders
  - Chris Dole, Fernald Stakeholders
  - Steve Young, Monticello Victims of Mill Tailings Exposure
- 3:00 p.m.**      **Breakout Session: *Applied Science and Technology (AS&T)***  
(2-hour session) (Dominquez, Plateau, Kannah)
- Stan Morrison, S.M. Stoller Corporation – *Overview of DOE-LM AS&T Activities*
  - *Defining Future AS&T Activities* (facilitated session)
- 4:00 p.m.**      **Break**
- 4:15 p.m.**      **General Session: *DOE Sites in Remediation – LTS&M Planning***  
(Gunnison River Room)
- Don Metzler, DOE-EM – *Moab Uranium Mill Tailings Remedial Action Project*
  - Rich Schassburger, DOE-EM Consolidated Business Center Oakland Office – *Stanford Linear Accelerator Center Project*



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## Wednesday, November 17, 2010

- 8:00 a.m.**      **Welcome** (Gunnison River Room)  
**Dave Geiser, Director of the U.S. Department of Energy Office of Legacy Management (DOE-LM)**
- 8:15 a.m.**      **General Session: *Stakeholder Perspectives Panel – Engaging the Community through Consultation, Coordination, and Communication*** (Gunnison River Room)
- David Abelson, Rocky Flats Stewardship Council
  - Allison Doman, Energy Communities Alliance
  - Ron Murphree, Oak Ridge Advisory Board
  - Bob Suyama, Hanford Advisory Board
- 9:30 a.m.**      **Break**
- 10:00 a.m.**      **General Session: *Regulatory Update*** (Gunnison River Room)
- Nick Orlando, Nuclear Regulatory Commission – *Regulatory Perspective on Long-Term Surveillance & Maintenance*
  - Loren Setlow, U.S. Environmental Protection Agency – *Uranium Mill Tailings Radiation Control Act Standards Update*
  - Gary Baughman, Colorado Department of Public Health and Environment – *Colorado Environmental Covenant Law*
- 11:00 a.m.**      **General Session: *Information Management and Accessibility*** (Gunnison River Room)
- John Montgomery, DOE-LM – *Legacy Management Business Center, DOE-LM Records Storage & Accessibility*
  - Elaine Pilz and Keith Miller, S.M. Stoller Corporation – *Demonstration of the Geospatial Environmental Mapping System*
- 12:00 p.m.**      **Lunch** (Colorado River Room II)  
**Keynote Speaker – Jeff Baker, Director of Office of Laboratory Operations, DOE Golden Field Office, Research Support Facility**
- 1:30 p.m.**      **Concurrent Sessions**
- ***Case Studies: Groundwater Remediation*** (Dominquez, Plateau, Kannah)
    - Dave Peterson, S.M. Stoller Corporation – *Uncertain Contaminant Sources at Shiprock, New Mexico, Site*
    - Pat Brady, Sandia National Laboratories – *Monitored Natural Attenuation of Metals and Radionuclide-Contaminated Sites*
    - Dawn Kaback, AMEC Geomatrix – *Innovative Remediation Technologies*

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## Wednesday, November 17, 2010 (continued)

- **Lessons Learned from Large- and Small-Site Transitions**  
(Gunnison River Room)
  - Sue Smiley, DOE-EMCBC – *Lessons Learned from Site Transition*
  - Tom Gieck, Umetco Minerals Corporation – *Lessons Learned from Title II Transitions*
  - Tracy Ribeiro, DOE-LM – *DOE-LM's Lessons Learned from Site Transitions*
  - 15 minute facilitated session
- **Disposal Covers** (Adobe, Escalante, Whitewater)
  - Jody Waugh, S.M. Stoller Corporation – *Cover Designs, Natural Succession, Performance, and Long-Term Surveillance and Maintenance*
  - Hans Arlt, Nuclear Regulatory Commission (NRC) – *Overview of NRC Workshop*

2:30 p.m.

Break

3:00 p.m.

### Concurrent Sessions

- **Partnerships with Native American Stakeholders**  
(Gunnison River Room)
  - Madeline Roanhorse, Navajo Uranium Mill Tailings Remedial Action (UMTRA) – *Partnership Opportunities for Navajo UMTRA Sites*
  - Norman Honie, Hopi Tribe
  - Karen Pletnikoff, Aleutian Pribilof Island Association – *Sampling Pacific Biota in Conjunction with Aleutian Subsistence Diet*
  - Don Aragon, Travis Shakespeare, Northern Arapaho-Shoshone (WREQC)
  - David F. Conrad, DOE Director of Tribal and Intergovernmental Affairs
- **DOE's Integrated Field-Scale Subsurface Research Challenge (IFRC) Site at Rifle, CO – New Science Supporting Long-Term Surveillance and Maintenance** (Dominquez, Plateau, Kannah)
  - Rich Bush, DOE-LM – *Introduction and Background*
  - Phil Long, Pacific Northwest National Laboratory – *Overview of the Rifle IFRC: Implications for Long-Term Management of Redox Sensitive Metal Contaminants*
  - Ken Williams, Lawrence Berkeley National Laboratory – *Prospecting for Natural Attenuation: Coupled Geophysical-Biogeochemical Studies at DOE's Rifle, CO, IFRC Site*
  - John Bargar, Stanford Linear Accelerator Center Project – *Stability of Reduced Uranium Under In Situ Conditions*



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**Dave Geiser, Director of the U.S. Department of Energy  
Office of Legacy Management (DOE-LM)**
- 8:15 a.m.**      **General Session: *International Perspective*** (Gunnison River Room)
- Russel Edge, International Atomic Energy Agency – *Uranium Production: An International Implementation of Lessons Learned*
  - Marcus Mackay, United Kingdom (UK) Mercury Stone Ltd. Nuclear Services – *UK Cleanup: A Lifecycle Strategy*
  - Bill Miller, AMEC Power and Process (UK), International Radioactive Waste Disposal – *Post-Closure Safety, Facilitating, and Intervention*
- 9:15 a.m.**      **Break**
- 9:30 a.m.**      **Concurrent Sessions**
- ***Leadership in Energy and Environmental Design Lessons Learned*** (Dominguez, Plateau, Kannah)
    - Claiborne Williams, Grant Gramstad, and Gary Moshier, FD Partners – *Legacy Management Business Center*
    - Frank Johnston, S.M. Stoller Corporation – *Fernald Preserve Visitors Center*
  - ***An Overview of Natural Resources Damage Assessments*** (Adobe, Escalante, Whitewater)
    - Matt Duchesne, DOE-EM
    - Bill Lohner, Ohio Environmental Protection Agency
    - Carl Spreng, Colorado Department of Public Health and Environment
  - ***The Future of the U.S. Department of Energy Comprehensive Environmental Response, Compensation, and Liability Act Sites*** (Gunnison River Room)
    - Patrick Anderson, Missouri Department of Natural Resources – *Weldon Spring: Past, Present, and Future*
    - Sue Walpole, S.M. Stoller Corporation – *Fernald Preserve: 50 Years of History and More to Come*
    - Michael Grauwelman, Miamisburg Mound Community Improvement Corporation – *Mound: A View of the Future*

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## Thursday, November 18, 2010 (continued)

10:30 a.m. Break

10:45 a.m. Concurrent Sessions

- ***Institutional Controls*** (Dominquez, Plateau, Kannah)
  - Mitchell Leverette, Bureau of Land Management – *Institutional Controls on Public Domain Land: Multi-Use Land Management*
  - Jack Craig, DOE- LM – *Lessons Learned on Institutional Controls at Pinellas*
  - Jane Powell, DOE-LM – *Lessons Learned on Institutional Controls at Weldon Spring*
- ***Property Disposition: A Case Study (New Brunswick, NJ)*** (Gunnison River Room)
  - Kevin Legare and Doug Vansant, U.S. General Services Administration

11:45 a.m. Conference Wrap-Up (Gunnison River Room)

12:30 p.m. Optional Site Tour – Rifle Sites (pre-registered participants should meet on the south side of the convention center)