

2013 PROGRAM



WEST VIRGINIA MINE DRAINAGE TASK FORCE SYMPOSIUM

**Ramada Inn, Morgantown, West Virginia
March 26-27, 2013**

Tuesday, March 26, 2013

- 7:30 – 8:30 a.m. Registration
- 8:30 – 8:35 a.m. **Welcome and Opening Remarks**
Charlie Miller, Chairman of the Task Force, Industrial RES, Fairmont, WV
Moderators: Ben Faulkner, Bratton Farms, Princeton, WV
Jim Ashby, Mettiki LLC, Oakland, MD
- 8:35 – 9:00 a.m. **“OSM Update on Mining, Reclamation and AMD”**
Joe Pizarchik, Tom Shope, and Roger Calhoun
Office of Surface Mining
Washington, DC
- 9:00 – 9:30 a.m. **“The Appalachian Research Initiative on Environmental Science (ARIES):
An Update”**
John Craynon and Michael Karmis
Virginia Tech
Blacksburg, VA
- 9:30 – 10:00 a.m. **“Comparative Analysis of Treatment Reagents at Two Pennsylvania Mine Sites:
Case Studies of H₂O₂ versus Hydrated Lime and H₂O₂ versus NaOH”**
Brent Means
OSMRE
Harrisburg, PA
- 10:00 - 10:30 a.m. **BREAK**

- 10:30 - 11:00 a.m. **“Predicting TDS Release from Overburden”**
 Lee Daniels
 Virginia Tech
 Blacksburg, VA
- 11:00 - 11:30 a.m. **“Chloride-TDS Reduction Strategy for Operating Mines
 in Northern West Virginia”**
 John Owsiany
 CONSOL Energy
 Canonsburg, PA
- 11:30 - 12:00 noon **“Potential Breakthroughs to Underground Mines from Slurry Impoundments”**
 Peter Michael
 OSMRE
 Pittsburgh, PA
- 12:00 - 1:30 p.m. **LUNCH**
- 1:30 - 1:35 p.m. **REGROUP**
Afternoon Moderators: Mike Isabell, CONSOL, Bickmore, WV
 Randy Maggard, MEPCO, Morgantown, WV
- 1:35 - 2:00 p.m. **“2012-13 Legislative Issues on Mining, Reclamation and Water Quality”**
 Jason Bostic
 West Virginia Coal Association
 Charleston, WV
- 2:00 - 2:30 p.m. **“In-Situ Treatment of Selenium – Lysimeter Study”**
 Paul Ziemkiewicz and Joe Donovan
 West Virginia University
 Morgantown, WV
- 2:30 - 3:00 p.m. **“Selenium Toxicity to Aquatic Organisms”**
 Mindy Armstead
 Marshall University
 Huntington, WV
- 3:00 - 3:30 p.m. **BREAK**
- 3:30 - 4:00 p.m. **“TDS Evolution from Valley Fills”**
 Terry Potter and John McDaniel
 Arch – Coal Mac
 Logan, WV
- 4:00 - 4:30 p.m. **“Update of Selenium Treatment with Bio-reactors at Arch-Birch River”**
 Al Meek, Keith O’Dell, and Ben Faulkner
 Conestoga, Arch – Birch River, Bratton Farms
 Lexington, KY

4:30 - 5:00 p.m. **“Three-Year Case Study with Selenium Treatment”**
Tom Rutkowski
Golder Associates
Denver, CO

5:00 - 7:30 p.m. **RECEPTION AND EXHIBIT SESSION**

Wednesday, March 27, 2013

8:00 – 8:30 a.m. **Registration**

8:25 - 8:30 a.m. **Welcome and Remarks:** Tiff Hilton, WOPEC, Lewisburg, WV

8:30 - 9:00 a.m. **“Status of West Virginia Mining and Reclamation”**
Tom Clarke
West Virginia Department of Environmental Protection
Charleston, WV

9:00 – 9:30 a.m. **“Lasting Impacts of Off-line Periods in Lime-Dosed Streams - Ohio”**
Natalie Kruse
Ohio University
Athens, OH

9:30 - 10:00 a.m. **“Estimating Water Quality Trends in Abandoned Coal Mine Pools”**
Eric Perry
Office of Surface Mining
Pittsburgh, PA

10:00 – 10:30 a.m. **BREAK**

10:30 – 11:00 p.m. **“Multi-Metric Index for Stream Assessment and Mitigation”**
Todd Petty
WVU
Morgantown, WV

11:00 - 11:30 a.m. **“Micro-Hydroelectric Power Facility Using Mine Water”**
Tim Danehy
Biomost, Inc.
Mars, PA

11:30 - 12:00 Noon **“Sulfate-Reducing Bioreactor – Tabb-Simco Wetland, OH”**
Paul Behum
OSMRE
Alton, IL

12:00 Noon **ADJOURN**