

PROGRAM



West Virginia Mine Drainage Task Force Symposium

*March 31 – April 1, 2015
Morgantown, WV*

**CO-SPONSORED BY
WEST VIRGINIA MINE DRAINAGE TASK FORCE
WEST VIRGINIA UNIVERSITY
WEST VIRGINIA COAL ASSOCIATION**

2015 PROGRAM
WEST VIRGINIA MINE DRAINAGE
TASK FORCE SYMPOSIUM
Ramada Inn, Morgantown, West Virginia
March 31 - April 1, 2015

Tuesday, March 31, 2015

- 7:30 – 8:30 a.m. Registration
- 8:30 – 8:35 a.m. **Welcome and Opening Remarks**
Moderator: Randy Maggard, MEPCO, Morgantown, WV
- 8:35 – 8:45 a.m. **“WVMDTF Fall Tour”**
Tim Danehy
Biomost
Pittsburgh, PA
- 8:45 – 9:15 a.m. **“Status of West Virginia Mining and Reclamation”**
Lewis Halstead
West Virginia Department of Environmental Protection
Charleston, WV
- 9:15 – 9:45 a.m. **“OSM Update on Mining, Reclamation and AMD”**
Joe Pizarchik
OSMRE
Washington, DC
- 9:45 – 10:15 a.m. **“TDS Release Prediction Based on Acid-Base Account Parameters”**
Jessica Odenheimer Joyce and Louis McDonald
Moody and Assoc. Inc., and West Virginia University
Houston, PA, and Morgantown, WV
- 10:15 - 10:30 a.m. **BREAK**
- 10:30 - 11:00 a.m. **“Evaluation of TDS Concentrations from Valley Fills”**
Carl Zipper
Virginia Tech
Blacksburg, VA
- 11:00 – 11:30 a.m. **“Fish IBI Scores and TDS Effects on Game vs. Sensitive Fish”**
Todd Petty
West Virginia University
Morgantown, WV

11:30 - 12:00 noon	“Effects of Carbon Dioxide on Acidity Measurement and Water Treatment” Brent Means OSMRE Harrisburg, PA
12:00 - 1:30 p.m.	LUNCH
1:30 - 1:35 p.m.	REGROUP Afternoon Moderators: Ron Hamric, Arch Coal, Morgantown, WV Mike Isabell, Cliffs Natural Resources, Beckley, WV
1:35 - 2:00 p.m.	“2014-15 Legislative Issues on Mining, Reclamation and Water Quality” Jason Bostic West Virginia Coal Association Charleston, WV
2:00 - 2:30 p.m.	“Water Treatment with Pressure Cavitation” Mike Mitton Mitton Valves Brantford, Canada
2:30 - 3:00 p.m.	“Cost Saving and Performance Enhancements at the Rushton AMD Plant” Jon Dietz Dietz-Gourley Consulting Clearfield, PA
3:00 - 3:30 p.m.	BREAK
3:30 - 4:00 p.m.	“Changes in Bromide Concentrations in Underground Mines in PA” Chuck Cravotta U.S. Geological Survey Harrisburg, PA
4:00 - 4:30 p.m.	“Sources of Bromide in Underground Mine Water” Joe Donovan West Virginia University Morgantown, WV
4:30 - 5:00 p.m.	“Managing Conductivity, TDS and Sulfate in the Monongahela River” Paul Ziemkiewicz West Virginia University Morgantown, WV
5:00 - 7:30 p.m.	RECEPTION AND EXHIBIT SESSION

Wednesday, April 1, 2015

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.	“MCHM in the Elk and Kanawha Rivers after the January 2014 Spill” Jennifer Weidhaas and Lance Lin West Virginia University Morgantown, WV
9:00 – 9:30 a.m.	“MCHM Chemical Properties, Transport, and Fate in Coal Prep Plants” Aaron Noble and Tom He West Virginia University Morgantown, WV
9:30 - 10:00 a.m.	“Changes in Aboveground Storage Tank Safety and Containment Rules” Scott Mandirola West Virginia Division of Environmental Protection Charleston, WV
10:00 – 10:30 a.m.	BREAK
10:30 – 11:00 p.m.	“Biofilm Remediation of Al, Fe, and Mn Using “Microchip Wetland” Metal Removal Units (MRUs)” Collin Lennox EcoIslands, LLC. Altoona, PA
11:00 - 11:30 a.m.	“Seeing the Water through the Valley Fill: Emerging Hydrology Controls Across Scales” Nicolas Zegre West Virginia University Morgantown, WV
11:30 – 12:00 noon	“Moving Bed Biofilm Reactor for Selenium Reduction in Mine Effluents” Caroline Dale Veolia Water Solutions and Tech. Cary, NC
12:00 Noon	ADJOURN