

2017 PE Seminar Program

Draft Agenda

As of 3-09-17

- 8:00 a.m. Welcome & Call to Order – Harry Childress, VCEA
- 8:10 a.m. Lawrence Tankersly **(30 minutes)**
Virginia DMME
- 8:40 a.m. Phillip Mullins **(30 minutes)** (Invited)
Virginia DMME
- 9:10 a.m. MSHA Representative # 1 **(40 minutes)**
- 9:50 a.m. Dr. Carl Zipper **(10-15 minutes)**
Virginia Tech
“Low-TDS Valley Fill Update”
- 10:05 a.m. BREAK
- 10:15 a.m. Dr. Lee Daniels **(20 minutes)**
Virginia Tech
“Development of International Standards for Mine Reclamation”
- 10:35 a.m. Elyse Clark **(15-20 minutes)**
Virginia Tech
Release of Soluble Elements from Central Appalachian Mine Spoils”
- 10:55 a.m. Keridwen Whitmore **(20-25 minutes)**
Virginia Tech
“Selenium Bioaccumulation Processes in Mining-Influenced Appalachian Streams”
- 11:20 a.m. David Gruber **(40 minutes)**
BMI
Wastewater Discharge:
 - Whole Effluent Toxicity Testing (WET)
 - Toxicity Reduction Evaluations (TREs) / Toxicity Identification Evaluations (TIEs)
 - Biological (Macroinvertebrate &/or Fish) Surveys
 - Site Specific Criteria Modifications
 - Summation: Tie it all together emphasizing aspects of regulatory relief.
- 12: Noon LUNCH
- 12:30 p.m. Dr. Paul Ziemkiewicz **(40 minutes)**
West Virginia University
“Rare Earth Elements (REEs)”

- 1:20 p.m. Dr. Steve Schafrik **(40 minutes)**
Virginia Tech
- 2:00 p.m. Modammad Rezace **(40 minutes)**
Virginia Tech
“Respirable Dust Characteristics in Central & Northern Appalachian Coal Mines”
- 2:40 p.m. Brooks Smith **(40 minutes)**
Troutman Sanders
“Federal & State Environmental Regulations”
- 3:20 p.m. BREAK
- 3:30 p.m. Jessica Yeager **(40 minutes)**
Potesta & Associates
“Variability in selenium concentrations in an aquatic food chain: implications for applying tissue criteria”
- 4:10 p.m. Allen Meek **(40 minutes)**
Marshall Miller & Associates
“Selenium Treatment”
- 4:50 p.m. Barry Thacker **(40 minutes)**
Schnabel ENGINEERING
“Managing dam risk after mining is done”
- 5:30 p.m. Meeting adjourns

Refreshments and drinks located inside the meeting room throughout the day.