

# CSM MINES Summit 2018

## Repurposing Mined Lands

### November 7, 2018

#### Speaker Biographies

##### Industry Panel

**Kevin Murray, Partner, Holland & Hart, LLP:** Kevin assists clients with issues involving hazardous substances, contaminated property, wetlands, and water quality. His work includes all facets of remediation, compliance, permitting, mergers and acquisitions, land development, and property reuse.

Kevin has significant experience with CERCLA, RCRA, state hazardous waste laws, and related programs. He advises clients on a broad range of matters concerning the acquisition, remediation, and redevelopment of contaminated property. He has successfully represented public and private clients to transform and re-purpose thousands of acres of contaminated property.

**Patrick Molloy, Associate, Rocky Mountain Institute:** Patrick works in the Sunshine for Mines program where he works on corporate & market research, system analysis, client engagement and financial modeling. This work is geared towards supporting organizations to allow them to make informed choices about renewable procurement and improve awareness of options available in the market.

**David Bieber, Manager of Geology and Survey and the Southern Colorado Lands Manager, Rocky Mountain Division of Martin Marietta Materials:** Dave has approximately 36 years of professional experience, which includes work as a consultant, miner, college professor, and regulatory inspector. He has worked on mining projects in New England, the Rocky Mountain Region, and on the west coast, with a primary focus on aggregate resources. Dave is a Past-chair of the Colorado Section of the Society for Mining, Metallurgy, and Exploration (SME) and is a Past-president of the Association of Environmental and Engineering Geologists (AEG). He has also served on the Executive Committee of the American Geosciences Institute (AGI) and serves as a Director for the Forum on the Geology of Industrial Minerals.

**Walter Weinig, M.Sc., PG, PMP:** Walter is a hydrogeologist who spent the better part of the last three decades working in various aspects of mining-related water and environmental projects, from baseline studies through closure and remediation. Prior to his current roles as an independent consultant and Vice President at Pure Energy Minerals, he was the Laboratory Director at the Sanford Underground Research Facility. Sanford Lab is a deep underground research facility hosted at the former Homestake Gold Mine in the Black Hills of South Dakota. Walter earned his bachelor's degree in geology from the University of Wisconsin and a master of science degree in hydrology from the University of Arizona. He is a Registered Member of SME, a licensed professional geologist, and a certified project management professional.

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### Agency Panel

**Patrick J. Pfaltzgraff, MBA, JD, LL.M., Director, Water Quality Control Division:** Over 30 years of public service in both federal and state government. Began career in the United States Air Force and served 23 years on active duty in assignments all around the globe. Participated in several combat tours including: Operation Desert Shield/Desert Storm; Operation Enduring Freedom (Afghanistan); and Operation Iraqi Freedom (Iraq). Achieved the rank of Major after starting out at the lowest enlisted rank. Broad experience from aircraft maintenance technician to attorney in the Air Force Judge Advocate General's Corps. Served over 7 years for the State of Colorado beginning with the Attorney General's Office and currently serves as the Director of the Water Quality Control Division, a division within the Colorado Department of Public Health and Environment. Responsible for regulating all aspects of pollution control for the state's rivers, lakes and reservoirs; and ensures the protection and safe delivery of the state's drinking water. Manages an annual budget of approximately \$35 million and the work of approximately 190 employees around the state.

**Joan Card, Culp & Kelly, LLP:** Joan is an environmental and natural resources attorney. She has more than 20 years of combined federal, state, local, private sector, and non-profit experience. Joan is a Commissioner on the Colorado Water Quality Control Commission and has held senior executive positions at EPA Region 8 and the Arizona Department of Environmental Quality. Joan is a solution-oriented leader in Western water quality matters and sustainable water management. Her work has taken her from the mountains of Montana to the Colorado River Delta to the halls of Congress and points between. Joan is licensed to practice law in Arizona, Colorado and Utah.

**Victor Ketellapper, P.E., Team Leader, EPA Region 8 Site Assessment Program:** Victor is an expert on environmental assessments, remediation, and redevelopment of abandoned mine sites. Victor is a registered professional engineer in Colorado and has bachelor's degrees in Economics (University of California, Davis) and Geophysics (California State University, Northridge) and a master's degree in Environmental Engineering (University of Colorado, Boulder).

**Richard Wanty, Ph.D., Research Chemist, USGS:** Richard's research interests center around environmental geochemistry, and coupling of geologic, hydrologic, and biogeochemical processes. His current research topics include: geochemistry of non-traditional stable isotopes, especially those of iron, copper, and zinc; geochemistry of mined or unmined mineral deposits and natural background geochemistry; landscape geochemistry and the relation between soil and ground-water geochemistry. Richard has a B.A. in geochemistry from the State University of New York at Binghamton and a Ph.D. in geochemistry from the Colorado School of Mines.