



# SUMMIT AGENDA

## Improving Abandoned Mine Lands - Building Trust & Taking Action

April 1, 2020 – 7:30 AM to 5:00 PM  
Holiday Inn & Suites Phoenix Airport, 3220 South 48<sup>th</sup> Street, Phoenix AZ 85040

**Breakfast (7:30 AM – 8:15 AM) - Compliments of MMSA**

### **Welcome and Introductions (8:15 AM – 8:30 AM)**

*Ann Carpenter, MMSA Abandoned Mine Lands Committee Chair*

### **Keynote Session (8:30 AM – 10:15 AM)**

**Moderator:** *Ann Carpenter*

**Session Objective:** Provide status updates on Good Samaritan legislation, administrative remedies and overall progress on improving Abandoned Mine Lands across different jurisdictions.

#### **Laying the Foundation for Lasting Public Policy Success in AML/Good Sam**

*Adam Hawkins – President, Global External Relations / President of the Board, American Exploration & Mining Association / Board Member, Arizona Mining Association*

#### **Good Sam Legislation: How Discussions Between Stakeholders and Legislators Have Evolved Since 2018**

*Tawny Bridgeford – Deputy General Counsel & Vice President, Regulatory Affairs, National Mining Association*

#### **Conservation Perspectives on AML Progress Since Gold King**

*Jason B. Willis, P.E. – Colorado AML Program Director, Trout Unlimited*

#### **EPA's Perspectives on AML Progress**

*Shahid Mahmud – Team Leader, EPA National Mining Team*

#### **Federal Land Management Perspectives on AML Progress**

*Kathy Benedetto – Senior Advisor to the Director at Bureau of Land Management*

#### **State of Arizona Perspectives on AML Progress**

*Jason Sutter – Senior Hydrogeologist, Arizona Department of Environmental Quality*

#### **Navajo Nation Abandoned Mine Lands Reclamation Activities**

*Mr. Ernest Grayeyes – Civil Engineer II, Navajo Nation*

**Coffee Break (10:15 AM – 10:30 AM) - Compliments of MMSA**

### **Stakeholder Insights on Legacy Mine Lands (10:30 AM – 12:00 PM)**

**Moderator:** *Jeff Parshley*

**Session Objective:** Examine how lessons learned by industry, land managers, conservation organizations, academia and other stakeholders can be leveraged for future success on legacy mine lands. Case studies in project planning, collaboration, site characterization, success monitoring and ongoing field research will be shared.

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## **Industry Perspectives on Applying Best Practices in Closure and Reclamation to AML**

*Jeff Parshley – Group Chairman and Corporate Consultant, SRK Consulting*

## **Where Does the Iron Terrace Technology Fit on the Periodic Table of Passive Treatment?**

*James Gusek, P.E. – Senior Project Manager, Linkan Engineering*

## **New Mexico AML Project: Inventory and Characterization of Inactive/Abandoned Mine Features**

*Virginia McLemore – Principal Senior Economic Geologist and Minerals Outreach Liaison, New Mexico Bureau of Geology and Mineral Resources, New Mexico Institute of Mining and Technology*

## **Making Improvements One Watershed at a Time**

*Jason B. Willis, P.E. – Colorado AML Program Director, Trout Unlimited*

## **Integrating Traditional Environmental Knowledge to Regenerate Degraded Landscapes and Communities in California**

*Alex Keeble-Toll, M.A., M.Sc. – Administrative Director, The Sierra Fund*

## **TNF Tribal Monitor Program: A Model for Collaboration on Mine-Impacted Landscapes in Arizona**

*Nanebah Lyndon – Tribal Liaison, Tonto National Forest; Bernadette Carra – Field Supervisor, Westland Resources; Avi Buckles – Director of Cultural Resources, Westland Resources*

## **Implementing Best Practices in Site Improvement and Revitalization: Planning for Net Positive Impact at the Cactus Mine**

*John Antwi – Chief Executive Officer, Elim Mining; Ian McMullan – Chief Operating Officer, Elim Mining; Llee Chapman – Chief Financial Officer, Elim Mining*

**Lunch (12:00 PM – 1:00 PM) - Compliments of MMSA**

### **Afternoon Panel Discussion (1:00 PM – 3:00 PM)**

**Session Moderator:** *Jeff Parshley*

**Session Objective:** All presenters will participate in an interactive Q&A roundtable discussion, presenting their diverse perspectives on site characterization, developing meaningful success metrics, and building collaborative partnerships to improve landscapes. Special emphasis will be placed on examining how stakeholders prioritize AML projects and the processes they use to move from identification to reclamation to final release of a site.

**Break (3:00 PM – 3:15 PM) - Compliments of MMSA**

### **Afternoon Breakout Session (3:15 PM – 4:30 PM)**

**Session Moderators:** *Ann Carpenter / Jeff Parshley*

**Session Objective:** Reflecting on the information and ideas shared earlier in the day and in previous summits, breakout groups will be asked to achieve the following outcomes:

1. Define what a successful AML project looks like (site characterization criteria, release metrics, etc.)
2. Create a list of potential candidate pilot/demonstration sites in the Western US and rank them
3. Add to the growing list of known partnerships and collaboratives working on AML
4. Identify new organizations to invite to the coalition
5. Suggestions for “next steps” to build more momentum to advance AML work

### **Closing Remarks & Field Trip Overview (4:30 PM – 5:00 PM)**

An optional field trip to legacy mine sites that have been improved to benefit wildlife and communities is planned for **April 2<sup>nd</sup> from 7am to 5pm**. A brief overview of each tour stop will be presented, followed by closing remarks.

**Closing of Summit (5:00 PM)**