Colorado NPS Program: Improving Water Quality Impacted by AMLs

November 14, 2017
Reducing Impacts from Nonpoint Sources

- 1,645 miles of Colorado streams potentially impacted by mining
- NPS 2012-2017: Metals from abandoned mine lands highest priority
- Voluntary, partnerships, collaboration and leveraging of resources
- Best management practices-based
- CWA Section 319 Grant
- Additional funding sources
Nonpoint Source Abandoned Mine Lands Projects

- Watershed Planning
- Remove mine wastes from streams
- Mine waste consolidation
- Hydrologic controls
- In situ treatment
Nonpoint Source Project Example

Saints John Creek Implementation Project ($470,000)

• Pollutants - Zn and other heavy metals

• Outcome - Mine waste removal and restored wetland

• Partners - USFS, DRMS, Freeport MacMoRan and private landowner
Abandoned Mine Lands Data Hub - https://erams.com/map/