

# Abandoned Mine Lands



## Abandoned Mine Challenges

Tetra Tech has designed, implemented, and managed inactive and abandoned mine land (AML) reclamation programs for government agencies. These contracts have ranged in value from under one million to hundreds of millions of dollars.

We understand the unique management needs of such contracts and have procedures in place to ensure the effective, efficient management of the contracts and administrative records, health and safety protocols, regulatory requirements, and technical aspects of the program.

Tetra Tech's expertise includes a vast array of tasks related to mined-land reclamation, including site investigation and characterization studies, in situ monitoring, cost analysis, construction document preparation, construction inspection and oversight, and regulatory compliance issues. This expertise allows Tetra Tech to conduct and oversee mine-site reclamation projects from beginning to end—from the first development and coordination of stakeholder groups and project teams to the final closure activities—using in-house resources.

## Capabilities

Our team of professionals offers a broad range of integrated services. We can tackle abandoned mine projects from the initial preliminary assessment phase through remediation design and construction.

Tetra Tech's support for AML programs includes:

- Preliminary assessments and site investigations
- Community relations planning and public involvement
- Streamlined human health and ecological risk evaluations
- Abandoned mine fire mitigation
- Stream and ecosystem restoration
- Engineering evaluation and cost analysis (EE/CA)
- Remedial investigation and feasibility study (RI/FS) process
- Mine waste remediation
- Treatability studies and pilot testing
- Geologic hazard mitigation and subsidence investigations and mitigation
- Final design, plans and specifications, and construction management
- Hydrology, sediment and contaminant transport, and TMDL studies
- Water management and treatment

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