

Success Stories

Through DTSC's AML Initiatives, DTSC has implemented investigations and cleaned up sites effecting human health and the environment. The following is a brief summary of several Success Stories. (For more information on DTSC's AML Initiatives, [click here](#))

[The Central Eureka Mine \(Mesa de Oro\)](#)

The Central Eureka Mine, located in Sutter Creek, was first developed as a gold mining operation in 1855 and operated until 1953. Processed mine tailings generated from the operations were transported via tramway and deposited on the Mesa de Oro site. The mine tailings contain elevated levels of arsenic. A cooperative effort between the U.S. EPA and DTSC resulted in the area being restored to residential use. Landscaping, soil removal and land use restrictions were the institutional controls used to remediate the site.

[The South Eureka Mine](#)

The South Eureka Mine is a site in Sutter Creek consisting of approximately 34 acres. Mine waste tailings at the site are the product of the gold mining activities at the historic Central Eureka Mine Site, located approximately one mile northeast of the site, that operated from the 1870s until after World War II. The site was remediated by consolidating the tailings and covering them with clean soil from other areas of the site. Land use restrictions are required at the site to prevent exposure to the buried tailings.

[Jackson/Sutter Creek Community-Wide AML Assessment Sampling](#)

In cooperation with Amador County and the cities of Jackson and Sutter Creek, DTSC has completed limited grant-funded sampling of 24 public and privately owned parcels in and around the cities of Jackson and Sutter Creek in Amador County. The sampling will provide the cities with information about the impact of local area mines on the subject properties and will help the cities identify AML sites that will need to be addressed. DTSC staff currently are hoping to complete more work in support of the project effort.

[Atlas Asbestos Mine](#)

The Atlas Asbestos Mine site was approved for listing on the federal National Priorities List in September 1984. Inspections at the mine area indicated the need for corrective measures to prevent asbestos from entering drainage basins. The mine area is on federal land and is administered by the U.S. Bureau of Land Management, except for 10 acres of the property, which are privately owned. Measures to stabilize and control asbestos waste have been completed to minimize the release of asbestos, thus providing



long-term protection of human health and the environment.

Rivenes Newtown Road Property

This site is located approximately two miles northwest of the city of Grass Valley in Nevada County and is currently undeveloped. Site reconnaissance identified features associated with mining exploration in the southern parcel of the site, including a collapsed mine shaft and surface cuts. The waste rock associated with these features was subsequently used to backfill the mine shaft and surface cuts. Samples from this waste rock indicate it is contaminated with arsenic, lead and mercury. A removal action work plan was approved in February 2007 and executed in September 2007; approximately 430 cubic yards of soil were excavated and taken to the Class II Ostrom Road Landfill in Wheatland, California. The report was approved and certified by DTSC on Oct. 18, 2007. No further action is required, and the project is now complete.

