



OIL, GAS & MINING

Abandoned Mine Reclamation Program PROJECT SUMMARY

Project Location and Background

The Copper Ridge Abandoned Non-Coal Mine Project was conducted in November 2015. The mine site is located near Moab in the Klondike Bluffs area. The area was mined for copper starting in the late 1800's and uranium in the mine openings were located in close proximity to a popular mountain bike and jeep trail in the Klondike Bluffs, North Klondike Bluffs area, and near the Baby Steps Recreational Trail.

Public Involvement and Partnerships

The Bureau of Land Management (BLM) sent notices to all claimants prior to the closure work and no responses were received. One of the 17 openings is located on Utah School and Institutional Trust Lands Administration lands (SITLA).



Left: Grates allow bat access while keeping people safe

COPPER RIDGE Grand County, Utah

AMR/019/906



Below: Polyurethane "puf" is used to fill this hole.



The AMRP in the Division of Oil, Gas and Mining, Utah Department of Natural Resources was created in 1983 to address physical safety hazards associated with abandoned mines as authorized by the Surface Mining Reclamation and Control Act (SMCRA) of 1977. The Program is funded by The Utah Coal Producers who pay an abandoned mine reclamation fee to the Office of Surface Mining (OSM) on each ton of coal mined in Utah.

Owner:
BLM and SITLA

General Contractor:
The 5 Seventeen Company

AMRP Project Manager: Susan White



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Copper Ridge Project, 2015 -- Construction Summary

The purpose of this project was to safeguard 17 hazardous mine openings including five shafts using standard closure methods such as grates, polyurethane foam (PUF), and backfill. The Abandoned Mine Reclamation Program reclaimed these sites using funds provided by the BLM and state funds were used one shaft closure on SITLA land.

The project consisted of safeguarding the openings using complete backfill methods to protect the public from high radon levels. Other openings used gates to allow bats access to this necessary bat habitat. The PUF closure was used to retain the historic look of the wood cribbing liner around the shaft. The mines are located on BLM and SITLA lands. The Division assisted the BLM with closing the abandoned mine features, which were a priority due to their proximity to areas with high visitation and recreation use.

Monitoring And Maintenance

Periodic monitoring and if needed maintenance will be performed.



(Before) Identifying openings and preparing for closure.

Copper Ridge Project:
AMLIS KEY:

12 adits and 5 shaft closures
Completed: November 21, 2015

Construction Cost:
\$44,426.57