

SITE VISIT REPORT
NAVAJO ABANDONED MINE LANDS RECLAMATION PROGRAM

DATE (S) OF VISIT:	04 February 2019
MINE/PROJECT NAME:	USEPA Region 9, Cove Mesa V Haul Shaft Closure Project
DURATION OF VISIT:	1:00 pm – 2:00 pm
PURPOSE OF VISIT:	Construction Progress Inspection

OBSERVATION:

This is the construction progress observed on Monday, 04 February 2019, Cove Mesa V Haul Shaft Project.

The contractor completed the outer frame of the wire rope (cable) closure. The contractor was securing the bottom plate to the floor of the haul shaft, but he could not find enough competent rock to drill, and secure the plate. He also mentioned that haul shaft ceiling was not hard enough to permanently secure the top plate. Since both the top and bottom plates were not positively secured to the haul shaft entry, NAMLRD staff inspection team recommend installing three vertical support columns. The contractor will install three 2" pipe 4 foot on center from the bottom plate to the top plates. When the wire rope (5/16" galvanized cable) is tighten in place both the top and bottom plates will be secured in place with the pipe taking the compression forces from the wire rope tension. In this manner the anchor bolts (top plate fasteners) and concrete reinforcing bars (bottom plate fasteners) will not be subject to any tension forces. The three vertical support columns will be added to the closure design and a field order will be issued to the contractor.

After monitoring the construction progress, we returned to Shiprock AML. The access road and access path are becoming less challenging, due to less snow and mud.

WEATHER/ROAD CONDITIONS:

Approximately high 40 degree Fahrenheit temperatures, clear skies, and snow/mud on roads.


FOLLOW-UP:

Continue construction monitoring and conduct pre-final inspection when 90 percent completed. Reclamation of access path will have to wait until final inspection.

CONTACTS:

Edwin Poalinelli, USEPA Region IX

NAME: Gilbert Dayzie
TITLE: Civil Engineer



Right plate frame installed on Monday, 04 February 2019



Top plate installed.





Rebar to secure bottom plate, not successful.

