




MINERALS PROGRAM INSPECTION REPORT
PHONE: (303) 866-3567

The Division of Reclamation, Mining and Safety has conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

MINE NAME: Topaz Mine	MINE/PROSPECTING ID#: M-1980-055-HR	MINERAL: Uranium and vanadium	COUNTY: San Miguel
INSPECTION TYPE: Multi Person Inspection	WEATHER: Clear	INSP. DATE: November 13, 2024	INSP. TIME: 11:18
OPERATOR: Pinon Ridge Mining LLC	OPERATOR REPRESENTATIVE: Mike Rutter	TYPE OF OPERATION: 112d-3 - Designated Mining Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE:	BOND AMOUNT: \$99,893.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Lucas West	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: December 10, 2024	

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

Y = Inspected / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

This inspection was conducted as part of the normal monitoring program established by the Colorado Division of Reclamation, Mining and Safety's Active Mines Program. In addition to the inspector and Operator representative listed on page one of this report, Bridget Wade, of the Bureau of Land Management (BLM) and Bruce Smith of Western Water and Land a consultant for the Operator were present as well. The Topaz mine is a 112d-3 operation that is currently in Temporary Cessation. The site is a part of a five-site permitted complex collectively referred to as the Sunday Mine Complex. The site consists of 1,674.6 Permitted Acres and a maximum allowed disturbance of 30 acres. The Division currently holds \$99,893.00 in Financial Warranty for the site. A reclamation cost estimate update was performed and staff calculations found the currently held Financial Warranty is insufficient to conduct reclamation. Please see the enclosed Notice of Surety Increase for more information. Four Photos accompany this report to illustrate the current conditions of the site.

As seen in Photo One, the permit ID sign was observed posted on the shop facility near the entrance. The permit boundary markers were also observed. Evidence that the diversion ditches and storm water control devices are functioning as designed was noted and no significant erosion was observed throughout the site. Maintenance of the storm water control structures has not been needed and all structures were in good condition at the time of the inspection.

The shop facility located on site was observed to be secure and is in good working order. No damage or signs of vandalism was noted during the inspection. The portal located on site was also secured, it has been closed off with steel grates as well as encompassed by a small berm as seen in Photo Two. The previously stored items that had been on site for some time have been removed, and no trash or debris was noted. No fuel storage containers were observed on site.

The main pad and work area was in good condition as seen in Photo Three. The outslopes of the pad area appeared stable at the time of the inspection and no evidence of settling or slumping was noted. The outslopes can be seen in Photo Four. A small depression was dug in the center of the pad, and the material was used to increase the size of the berm around the perimeter of the pad. At the time of the inspection a small amount of storm water was impounded in the depression but it is not considered a problem at this time. Evidence of weed management during the growing season was observed. Some areas around the perimeter of the pad area have begun to revegetate themselves with volunteer species. The whole site exhibits positive drainage, and no erosional issues were observed at this time.

The overall footprint of the site is in good condition, and free from excessive trash or debris. No significant signs of settling, slumping or erosion were noted on site and no State Listed Noxious Weeds were observed. All responses to this report should be directed to Lucas West at the Colorado Division of Reclamation, Mining and Safety at 1001 E. 62nd Ave. Room 215, Denver CO, 80216, by phone at (303) 919-2997 or by email at lucas.west@state.co.us

PHOTOGRAPHS



Photo One: View North, showing the proper Mine ID signage posted on the shop facility near the entrance to the site.



Photo Two: View South, showing the secured portal and it's surrounding structure. The portal closure is in good condition and showed no signs of vandalism.



Inspection Contact Address

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Enclosure Notice of Surety Increase, SI-4

CC: Travis Marshall, DRMS
 Bridget Wade, BLM
 Bruce Smith, Western Water and Land