




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: February 27, 2025	INSP. TIME: 10:23
OPERATOR: Pinon Ridge Mining LLC	OPERATOR REPRESENTATIVE: Bruce Smith	TYPE OF OPERATION: 112d-3 - Designated Mining Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE:	BOND AMOUNT: \$162,630.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Lucas West	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: April 15, 2025	

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>N</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>N</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>N</u>	(ST) STIPULATIONS----- <u>N</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 Division currently holds \$162,630.00 in Financial Warranty for the site. A reclamation cost estimate update was not performed as a result of this inspection. Five Photos accompany this report to illustrate the current conditions of the site. The Sunday Complex (Sunday, Carnation, St. Jude, West Sunday and Topaz Mines) have been moved to a quarterly Inspection Frequency given the increased level of activity. As a result, Inspections will be conducted on specific items, rather than a site wide inspection, with specific items rotating each inspection. During this inspection, some surface facilities as well as storm water control structures were the focus.

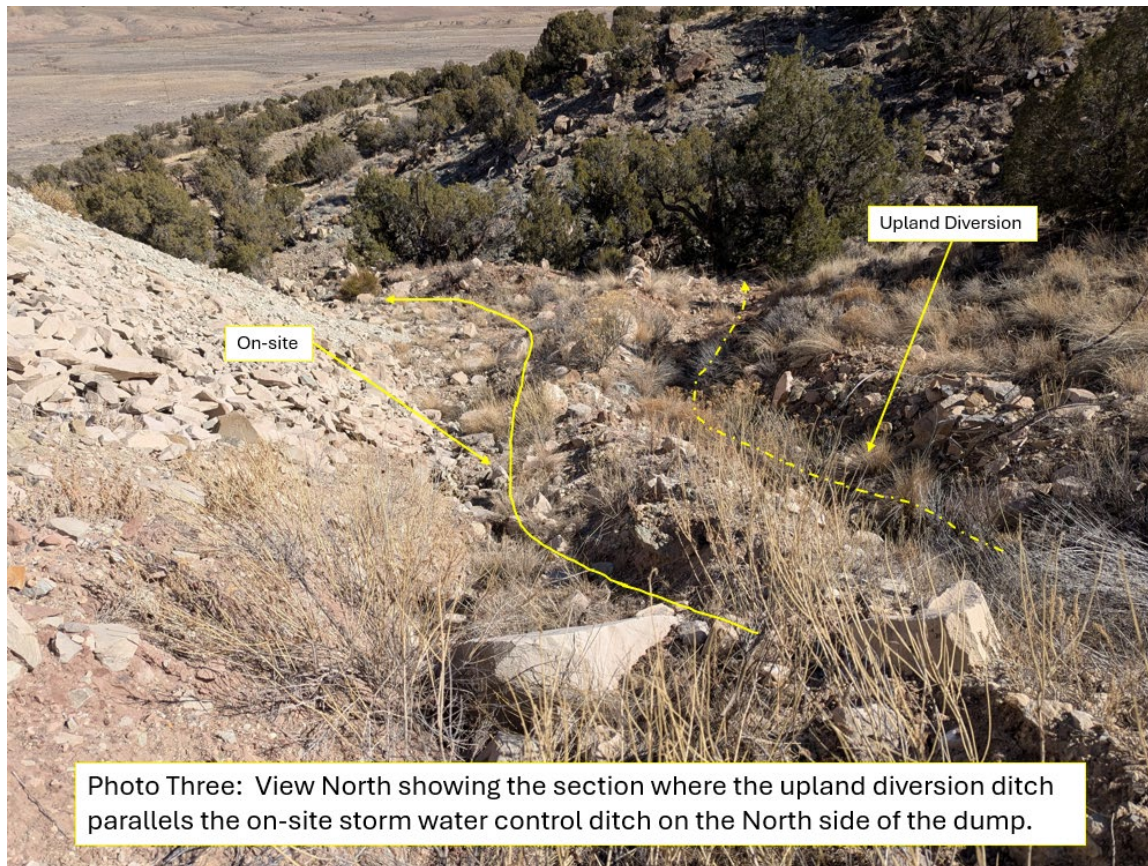
As seen in Photo One, the permit ID sign was observed posted on the shop facility near the entrance. The permit boundary markers were also observed. The shop facility located on site was observed to be secure and is in good working order. No damage or signs of vandalism was noted during the inspection. 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 upland diversion ditches that divert any potential run on water around the site to prevent it from becoming impacted stormwater were not observed during this inspection. On site discussions with Bruce Smith of Western Water and Land revealed that a comprehensive stormwater inspection had been conducted the day before the inspection and that all systems were in good working order. Along the south end of the site, however one of the upland diversion ditches parallels the ditch that collects stormwater from the slope of the waste rock dump. The upland diversion ditch was observed to be clear, free from obstruction and able to function as designed. An example of this upland diversion can be seen in Photo Three. The toe berm that collects storm water from the waste rock dump was also observed to be in good condition. There is one section around the northeast corner of the toe of the dump that will require improvement soon, but is still functional. The ditch follows the toe and leads to a small catchment basin shown in Photo Four. The stormwater controls on the North and West side of the dump were also free from obstruction and appeared to be able to function as designed. One section of the control systems were identified by the Operator to need attention, around the Northwest section of the dump. Different mitigation efforts were discussed and agreed that re-establishing the ditch for continuous flow would be the best option. The area requiring work can be seen in Photo Five.

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







Inspection Contact Address

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