




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: St Jude Mine	MINE/PROSPECTING ID#: M-1978-039-HR	MINERAL: Uranium and vanadium	COUNTY: San Miguel
INSPECTION TYPE: Multi Person Inspection	WEATHER: Clear	INSP. DATE: November 13, 2024	INSP. TIME: 12:06
OPERATOR: Pinon Ridge Mining LLC	OPERATOR REPRESENTATIVE: Mike Rutter	TYPE OF OPERATION: 110d - Designated Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE:	BOND AMOUNT: \$69,828.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Lucas West	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: December 9, 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>N</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>Y</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>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 during the inspection. The St. Jude Mine is an active 110d operation however crews were not on shift the day of the inspection. The main center for activity for the Sunday Complex is centered at the Sunday Mine, but the St. Jude is used for secondary access as well as ventilation. The site consists of a maximum allowed disturbance of 9.8 acres. Public access to the site is controlled by a locked gate along the access road. The Division currently holds \$69,828.00 in Financial Warranty for the site. A reclamation cost estimate update was performed as a result of this inspection and staff calculations found the currently held Financial Warranty insufficient to conduct reclamation. Please see the attached Notice of Surety Increase for more information. Seven Photos accompany this report to illustrate the current conditions of the site.

As seen in Photo One, the permit ID sign was observed at the entrance to the site. The permit boundary markers were also observed. All disturbances are contained within the permitted areas. The remote vent shaft sites were not inspected at this time. The diversion ditches and storm water control devices appear to be functioning as designed and no significant erosion was observed throughout the site. The main work area, adjacent to the portal and shops, appeared to be stable and in good condition. The portal was open and active at the time of the inspection. Four of the Five mines in the Sunday Complex connect underground and the portal is used as secondary egress and ventilation. The portal and it's structure are in excellent condition, shown in Photo Two.

The lined Ore Pad was observed to be in good condition. The face of the pad shows no evidence of surface stockpiling and no observable impacts from precipitation was noted. The out slopes and berms of the pad appear stable. The pad can be seen in Photo Three. All work and shop facilities onsite were secured and appeared to be in good condition as seen in Photo Four. two small above ground fuel tanks are located on site to feed the air compressor, secondary containment of the tanks was observed but needed to be cleaned. Additionally, a mobile compressor was staged near the tanks that had spilled a small amount of oil on the surrounding soil. Both the cleaning of the secondary containment and the oil spillage were considered problems, the Operator has already addressed the issues and provided photo documentation. Therefore, they are not considered problems at this time. Adjacent to the above ground fuel tanks is the new compressor and generator set up as approved in TR-3. The compressor and generator are set on a concrete foundation, however the covering shed has not yet been constructed as seen in Photo Five. Various other items are observed on site however it was stored in an orderly fashion and was not a concern at this time. The waste rock dump storage area was observed and appears to be stable and in good condition. The out slopes show no signs of significant erosion. The waste rock stored in the area and it's outs slopes can be seen in Photos Six and Seven.

Evidence of weed management during the growing season was observed. The whole site exhibits positive drainage and no erosional issues were observed at this time. The overall footprint of the site was in good condition and free from excessive trash and debris. The condition of the site remains largely unchanged from the previous inspection. All questions or responses to this report should be directed to Lucas West at the Division of Reclamation, Mining and Safety, 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 West showing the proper Mine ID Signage on the locked gate at the entrance to the site.



Photo Two: View Southwest, showing the secured portal and its structure. The portal is in good condition and showed no signs of vandalism or attempted unauthorized entry.



Photo Three: View East, showing the lined ore pad on site. The pad is in good condition and no evidence of recent stockpiling was noted.



Photo Four: View East, showing the secured shop facility on site.



Photo Five: View South showing the newly constructed gensets with compressor station on the concrete pad as approved under TR-3. The covering structure has not been installed but will be soon.



Photo Six: View Southeast, showing a portion of the development rock storage area. The stockpiled rock appeared stable and in good condition at the time of the inspection.



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