




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: Shot Rock Pit	MINE/PROSPECTING ID#: M-2012-023	MINERAL: Crushed stone material	COUNTY: Las Animas
INSPECTION TYPE: Surety-Related Inspection	WEATHER: Clear	INSP. DATE: April 9, 2024	INSP. TIME: 13:05
OPERATOR: Tamrock Gravel LLC	OPERATOR REPRESENTATIVE: Brent and Tami Tamburelli	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Surety Related	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$22,800.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Amber Gibson	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: April 23, 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>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</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

The Shot Rock Pit was inspected by Amber Gibson with the Division of Reclamation, Mining and Safety (Division/DRMS) as part of both a pre-operational inspection for an Amendment No. 1 (AM1) application, and as part of a Surety Reduction Request No.1 (SR1) application. Brent and Tami Tamburelli (representing the Operator/Permittee - Tamrock Gravel LLC) accompanied me during the inspection. The weather was warm and clear. This site was last inspected on November 28, 2023.

The site is located about 5 miles north of Cokedale, east of CR 26.5. The Division met the Operator(s) at the red gate located north of CR 26.5. This site is a 112c Regular Operations Construction Materials Permit. The commodity mined at this site was crushed stone material. The post mine land use for this permit is rangeland.

The Operators have completed mining in December 2022 and have entered into final reclamation. The Operator's AM1 application proposes to include 1.07 acres of land that had been affected near the previous permit boundary on top of the hill, and a 2.07 acre road area near the entrance of the site (see previous inspection report and AM1 application on file in the Division's Laserfiche database). The inclusion of these areas would increase the permitted area from the currently approved 21 acres, to a total of 24.14 acres.

Availability of Records:

The annual report, map, and fee are current through April 22, 2025. There are two outstanding revisions, AM1 and SR1. AM1 has been submitted as a reclamation-only revision, as the site has finished mining and has entered into final reclamation. SR1 was submitted in response to the Division's Surety Increase No. 1 (SI1) revision, issued as a result of an updated reclamation cost estimate following the November 2023 inspection. The current decision date for SR1 is May 3, 2024, and the current decision date for AM1 is July 1, 2024.

Acid And Toxic Materials:

The Division did not observe any chemicals or fuel being stored on-site.

Financial Warranty:

The Division currently holds a financial warranty of \$22,800. As a result of the SR1 request, the Division has re-evaluated the reclamation cost estimate for the site based on the current conditions. The Division accepts the proposed financial warranty of \$16,000 provided by the Permittee in Exhibit L of the AM1 application. In response to the re-evaluated liability estimate, the Division will not pursue the SI1 increase, and will approve SR1.

Hydrologic Balance and Sediment Control:

The Operators have observed where water tends to pool and/or drain-to in the previously mined areas. In response, the Operators have installed armored drainage channels, using the rip-rap stockpiles they had on-site, to control run-off and prevent erosion from affecting off-site areas (Photos 1-3). No standing water was observed at the time of the inspection.

Gen. Compliance with Mine Plan:

Active mining has finished at this site.

Roads:

The entrance road, located to the north of CR 26.5 is proposed to be included in the permit boundary through

AM1. This road, and the associated scale house foundation and stockpiles, have been requested by the landowners to remain post-reclamation for use on their ranch. The existing access road in the permit is an oil and gas access road, and will also remain post-reclamation.

Right of Entry:

The Operator's right of entry agreement to the majority of the mined area is current and stipulated as a reclamation-only agreement. The right of entry agreement for the very west portion of the mined area, and the proposed 'road area', is with Brent and Tami Tamburelli – the landowners of this area and the owners of Tamrock Gravel, LLC, and thus is also current.

Reclamation Success:

Since the previous inspection, the Operator has conducted the majority of the reclamation in the mined area. The Operator had used the overburden piles that were stored onsite, to backfill and grade the slopes observed at the Division's November 2023 inspection, to 3H:1V slopes or shallower (Photos 4-6). The slopes, processing areas, and equipment storage areas within the mined area have all been topsoiled--using all of the stockpiled topsoil material at the site. At the time of the April 2024 inspection, the Division collected an approximately 1.33 acre measurement (using the Esri's Field Maps application) of a test-plot area. This area is in the east side of the permit (Photos 7-8) where the equipment storage had been. The Operator had recently seeded the area to help determine which method of seeding will work best. The steeper slopes are planned to be seeded using a hydro-seeding approach. The amount of reclamation accomplished at the site has helped to greatly reduce the reclamation liability, and was considered in the Division's bond re-evaluation for SR1 and AM1.

Signs and Markers:

A mine sign was posted in compliance with Rule 3.1.12(1) at the entrance of the site (Photo 9). Additionally, a notice for the AM1 application, in compliance with Rule 1.6.2(b), was also posted at the entrance (Photo 10).

Permit boundary markers were observed around the affected area, and appeared to be in compliance with Rule 3.1.12(2). White poles with pink flags serving as boundary markers (as well as a fence acting as the eastern boundary) were observed alongside the newly incorporated 'road area' (Photo 11). The Operator had installed white fence posts and/or pink flags on the existing permit boundary t-posts around the mined area. Newly installed rock monuments, with pink flags, indicate the new location of the proposed re-located AM1 boundary markers (Photos 12-13). Additionally, the Division observed that the wire fence that begins in the north-west boundary and extends along the northern boundary to the eastern boundary around the mined area, remains in-tact and still serves as the north-west to north-east boundary (Photo 14). The Operator stated that they had gathered the coordinates in the field for the amended marker locations, and sent them to their consultant, who then made the AM1 maps.

Conclusion:

This concludes the Division's Inspection Report; a subset of corresponding photographs that were taken during the time of the inspection displaying topics discussed during the inspection, are included below. If you need additional information or have any questions, please contact me by email at amber.gibson@state.co.us or by telephone at (720) 836-0967.

Inspection Contact Address

Brent and Tami Tamburelli
Tamrock Gravel LLC
137 East Plum St.
Trinidad, CO 81082

CC: Steve O'Brian, Environment, Inc.
Jared Ebert, DRMS

PHOTOGRAPHS



Photo 1: Looking east at an armored drainage along the southern side of the mined area.



Photo 2: Looking downslope from the top of an armored drainage.

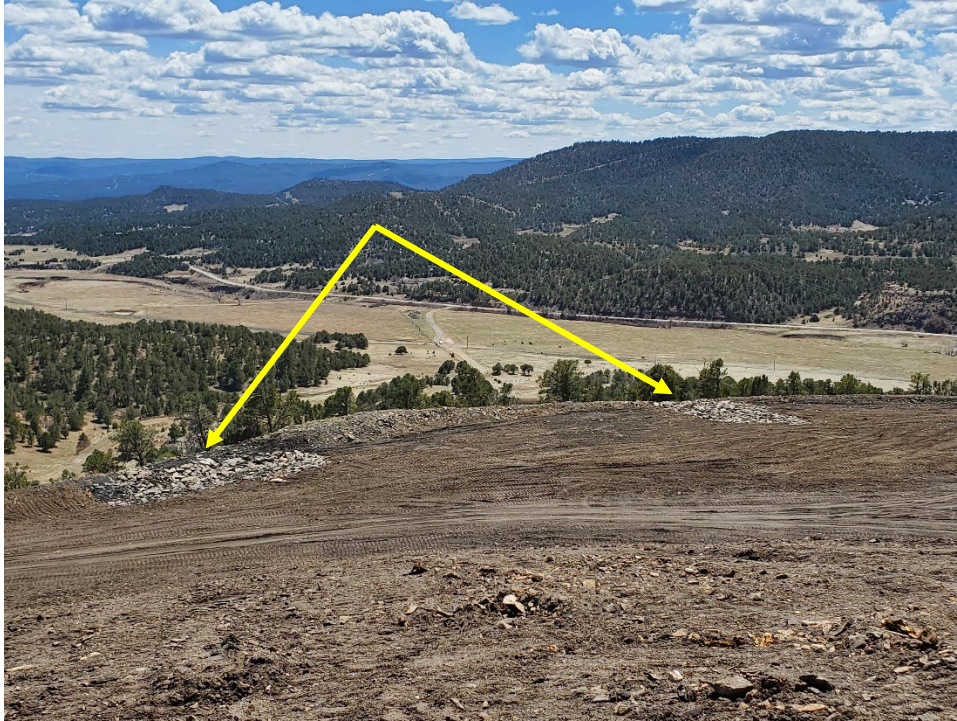


Photo 3: Looking south at two armored drainages.



Photo 4: Looking north-east at the western-most graded slope.



Photo 5: Looking south-east from the top of a graded slope.



Photo 6: Looking west across the backfilled and graded slope.



Photo 7: Test-plot area that had recently been seeded.



Photo 8: Figure indicating the approximate location of the newly proposed boundary (yellow polygon), the currently approved boundary (red polygon), and the 'test-plot' area that had been recently seeded at the time of the inspection (blue polygon).



Photo 9: Mine permit sign posted at the entrance to the site.



Photo 10: Notice sign posted in compliance with Rule 1.6.2.



Photo 11: White marker pole with pink ribbon alongside the proposed 'road area'.



Photo 12: Original permit boundary marker t-post with white fence covering and pink ribbon.



Photo 13: Rock monument indicating a new proposed boundary marker location.



Photo 14: Looking east along the northern fence from the north-western corner boundary marker on the fence line.