




**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.

<b>MINE NAME:</b> Coyote Ridge	<b>MINE/PROSPECTING ID#:</b> M-2000-052	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Fremont
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Timothy Cazier, P.E.	<b>INSP. DATE:</b> August 19, 2021	<b>INSP. TIME:</b> 09:20
<b>OPERATOR:</b> Rocky Mountain Materials and Asphalt, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Phillip Courtney	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Partial Bond	<b>BOND AMOUNT:</b> \$32,400.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Clear	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> October 1, 2021	

**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>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>Y</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	

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

## **OBSERVATIONS**

This inspection was conducted by Tim Cazier (DRMS) as part of the regular monitoring program. The Permittee (Rocky Mountain Materials & Asphalt [RMMA]) was represented by Mr. Phil Courtney. The Coyote Ridge site access road entrance is located approximately 4 miles south of Florence, off State Hwy 67. This is a 112c sand and gravel mine. It was not operating at the time of the inspection.

Availability of Records: This permit has been in temporary cessation (TC) since September 26, 2016. Mr. Courtney stated they have plans to continue mining at the site, but that current market conditions are not making it feasible. Subsequent to this inspection, the DRMS received a request to enter a second consecutive five-year period of TC on September 3, 2021. The issue has been placed on the agenda for the October 20, 2021 Mined Land Reclamation Board meeting. Annual fees are paid through September 2021. The previous inspection was on November 10, 2016. The approved post-mine land use is rangeland. There are no open infractions. Both the surface and minerals are privately owned.

Acid And Toxic Materials: No acid or toxic materials are used or stored on site for this operation.

Backfilling and Grading: All highwalls have been graded to 3H:1V of flatter.

Excess Spoil and Dev. Waste: An overburden stockpile (see **Photo 1**) that could be used for backfill was observed adjacent to the most recently active pit on the east end of the site.

Financial Warranty: The \$32,400 bond held by the DRMS was last updated in 2015 and included 25 acres of reseeded. Of the roughly 9.5 acres of historic disturbance, only about 3.5 acres needed additional reclamation at the time of the inspection. As such, this amount is adequate for the observed mine disturbance. However, the bond will need to be updated before significant additional mining is initiated.

Fish and Wildlife: No impact to wildlife was observed.

Hydrologic Balance: No standing water was observed in the pit and no exposed groundwater was observed.

Gen. Compliance with Mine Plan: The operation appeared to be in compliance with the approved mine plan. The maximum allowed disturbed area is 45 acres. Google Earth was used to determine the historically disturbed area, which was measured to be approximately 9.5 acres. All highwalls have been flattened to at least 3H:1V (see **Photo 2**).

Off-site Damage: The operation appeared to be confined to the permit boundary, based on Google Earth review and site observations.

Processing Waste: No processing waste was observed.

Roads: Haul and access roads were in good condition and did not appear to be a source of sediment that could be tracked offsite. Road side ditches were clean with rock check dams to control erosion (see **Photo 3**).

Right of Entry: RMMA leases the site from the landowner.

Reclamation Success: One acre has been completely reclaimed (see **Photo 4**) midway (Area B in Figure 1 of the 2016 inspection report) along the existing two-track access road. The majority of the 5.25-acre disturbance on the west end is reclaimed (see **Photo 5**). The most recent disturbance at the northeast end of the access road where the product stockpile (see **Photo 6**), and overburden (see **Photo 1**) and topsoil (see **Photo 7**) stockpiles were observed, needs additional grading and seeding. Boulder stockpiles were observed at the west end (see **Photo 8**) and the northeast end (see **Photo 9**). These are considered potential product, but would need crushing.

Revegetation: The west end disturbance (excepting the boulder stockpile seen in **Photo 8**) and the midway disturbance (**Photo 4**) are considered adequately revegetated. A single tamarisk (salt cedar) plant was observed near the west permit boundary on the north side of the access road. I recommended Mr. Courtney and other site personnel watch for more and treat them before they become a problem.

Sediment Control: No erosion problems were observed and no BMPs were needed at the time of the inspection.

Support Facilities On-site: No processing equipment was observed on site.

Signs and Markers: The permit sign was properly posted (see **Photo 10**). This is a ridge top operation and mining activity is restricted by topography.

Permit Stipulations: There are no permit stipulations.

Storm Water MGT Plan: No oil or fuel spills observed. Representatives stated copies of the stormwater management plan are kept in offices in both Penrose and Golden.

Topsoil: A topsoil stockpile was observed next to the overburden stockpile in the northeast corner of the site.

Structures: An oil derrick and storage tank have been in place since before the site was permitted (see **Photo 11**).

Please contact Tim Cazier (303)866-3567 ext. 8169 or email at [tim.cazier@state.co.us](mailto:tim.cazier@state.co.us) if you have any questions regarding this report.

## **PHOTOGRAPHS**



Photo 1. Overburden stockpile (adjacent to recent active pit, looking NNW).

**PHOTOGRAPHS (cont.)**



Photo 2. Most recent active pit (east end, looking NW; note flattened highwalls).



Photo 3. Access road and roadside ditch (note rock check dams).

**PHOTOGRAPHS (cont.)**



Photo 4. Reclaimed midway disturbed area (looking SE from access road).



Photo 5. Well established vegetation (west end disturbance - west of boulders, looking west).

**PHOTOGRAPHS (cont.)**



Photo 6. Product stockpile near most recent active pit (NE end, looking SW).



Photo 7. Topsoil stockpile (adjacent to NE disturbance overburden stockpile).

**PHOTOGRAPHS (cont.)**



Photo 8. Boulder stockpile (east side of west end disturbance – looking north).



Photo 9. Boulder stockpile (SE of recent active pit – looking SE).



Photo 10. Permit sign off entrance from Hwy 67.



Photo 11. Oil derrick & storage tank (just east of west end disturbance, looking NE from access road).

**Inspection Contact Address**

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ec: DRMS file