




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: Western Aggregates	MINE/PROSPECTING ID#: M-1988-108	MINERAL: Shale	COUNTY: Jefferson
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: January 16, 2025	INSP. TIME: 10:00
OPERATOR: Arcosa LWB, LLC	OPERATOR REPRESENTATIVE:	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$4,495,000.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Ben Hammar Zach Trujillo	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: February 4, 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>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>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>N</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 Ben Hammar and Zach Trujillo of the Division of Reclamation, Mining, and Safety (The Division). Dainae Prejean and two other Arcosa representatives accompanied the Division on this inspection. The Western Aggregates site is located approximately 11 miles north of Golden, Colorado in Jefferson County. The operation is currently permitted for 214.21 acres. The primary commodity mined on the site is shale to be used as lightweight construction aggregate.

Currently the post-mining land use is rangeland with a small section of developed water resources to serve as a stock pond within the quarry area. The plant area is planned to continue to be used for some form of material processing following the reclamation of the quarry. Currently the operator is approved to utilize waste fines and overburden to slope areas of the quarry undergoing reclamation. No blasting is performed or planned at this site, and evidence of active reclamation is present along the western slope of the quarry. Active mining appears to currently be taking place in the southern slope.

As mentioned, final reclamation will include a permanent stock pond in the northeast corner of the quarry. Currently runoff is stored within the quarry floor due to the highly impermeable clays present on the pit floor and is pumped for use in the processing plant as approved within the current mining plan. No significant issues related to the local hydrologic balance, or the mining plan at large were observed during this inspection.

All relevant signs and boundary markers were observable during the inspection, including both the areas around the processing facility and quarry. Standard fenceposts marked the perimeter, and the mine sign appeared to be in good condition. No impact to Coal Creek was observable during the inspection, and all fuel storage was contained within double-lined containers.

The current bond held for this site is \$4,495,000. While researching for this inspection, it came to the Division's attention that the reclamation bond for this site has not been updated in some time. Per Rule 4.2.1, the Division is required to ensure that the reclamation bond held is adequate to perform the entirety of reclamation as laid out in the approved reclamation plan. As such, the Division will follow up this inspection report with information regarding a draft surety increase shortly following delivery of this report.

Inspection Contact Address

Arcosa LWB, LLC
Arcosa Lightweight 12652 Hwy 190 West
Erwinville, LA 70729

Enclosure

CC:

PHOTOGRAPHS



Photo 1: Mine identification sign.



Photo 2: Example of an active slow in quarry.



Photo 3: Current pond status, example reclaimed slopes, and pump.



Photo 4: Double-lined fuel storage near processign area.



Photo 5: Example boundary fenceline, eastern boundary shown.