




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: Specification Aggregates Quarry	MINE/PROSPECTING ID#: M-1974-004	MINERAL: Granite, granite gneiss	COUNTY: Jefferson
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: September 17, 2024	INSP. TIME: 11:00
OPERATOR: Martin Marietta Materials, Inc.	OPERATOR REPRESENTATIVE:	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$7,240,331.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Ben Hammar Zach Trujillo	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: October 1, 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>NA</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>NA</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>Y</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</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>NA</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>NA</u>	(ST) STIPULATIONS----- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>NA</u>	

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

OBSERVATIONS

This was a routine monitoring inspection of the Specification Aggregates Quarry, a 389.13 acre 112c construction materials operation located near the NW corner of the intersection of I-70 and Highway 40. This inspection was conducted by Ben Hammar and Zach Trujillo of DRMS, who were joined by operator representative Phillip Courtney. The current bond posted for this site is \$7,240,331.

This site produces primarily construction aggregate, although independently owned concrete and asphalt batch plants are also located on the SE corner of the permit boundary. An amendment, AM4, was approved by the Division in 2022 which added approximately 64.13 acres to the previous permit boundary. At this time no work has been completed in this amended portion, and the operator is currently within their 16 acre buffer area agree upon with Jefferson County.

The proposed post mining land use for the site is "developed water resource", and currently the State Engineer's Office has determined the water collection pond within the northern portion of the permit meets the standards for a lined reservoir. As mining continues the operator plans to expand the pond area as reclamation occurs. As mining progresses the operator has stated that the water level within the pond is expected to fluctuate significantly. Final reclamation is currently planned to create a lined reservoir that encompasses most of the current permit area.

Concurrent reclamation present on-site is generally excellent. Previously reclaimed slopes are in accordance with the reclamation plan, and seeding appears to be well established. The operator has done well to re-establish slopes following benched quarrying operations.

No problems were found during this inspection. No off-site impacts were observed as a consequence of operations and no impacts to the surrounding hydrologic balance were found. Drainage from the site appears to be very well maintained, primarily flowing into the previously mentioned pond on the northern portion of the permit and into Magic Mountain reservoir to the east.

Inspection Contact Address

Martin Marietta Materials, Inc.
1627 Cole Blvd, Suite 200
Lakewood, CO 80401

Enclosure

CC:

PHOTOGRAPHS



Photo 1: Reclaimed slopes facing south. The unaffected near the top of the slope is the undisturbed AM4 addition.



Photo 2: Reclaimed slopes facing north overlooking the quarry pit pond.



Photo 3: Current highwall reclamation in progress.



Photo 4: Image from the access ramp of the Spec Agg quarry pit.



Photo 5: Pumphouse and shoreline of Magic Mountain reservoir.



Photo 6: Representative photo of operation stockpiles and processing facilities.