




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, gneiss	COUNTY: Jefferson
INSPECTION TYPE: Preoperation Inspection – AM04	INSPECTOR(S): Eric Scott	INSP. DATE: August 5, 2022	INSP. TIME: 09:00
OPERATOR: Martin Marietta Materials, Inc.	OPERATOR REPRESENTATIVE: Phillip Courtney	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Pre-operation Inspection AM04	BOND CALCULATION TYPE: None	BOND AMOUNT: \$1,453,291.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: August 5, 2022	

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>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>NA</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>NA</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>Y</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 pre-operation inspection of the Specification Aggregate Quarry, a 112c construction materials operation operated by Martin Marietta (MM), conducted as part of the AM04 application review process. This inspection was conducted by Eric Scott of DRMS who was accompanied on-site by Phillip Courtney of MM. The site is located on the west side of Hwy 40 approximately 3 miles south of Golden CO and approximately ¼ mile north of Interstate 70. The site identification sign, and notice of amendment applied for were present at the site entrance (photos 1-2).

This is currently a 325.2 acre site which produces primarily construction aggregate, although there are also asphalt and concrete batch plants located in the SE corner of the permit area. AM04, as proposed, will add another 64.13 acres of permit area containing mineable material (for a total of 389.3 acres) to the South edge of the existing permit via a land swap agreement with Jefferson County. Note that approximately 16 acres of the amended area will be set aside and maintained as a “buffer” between the mining activity and the permit boundary.

The proposed post mining land use for the site is “developed water resource”, and the SEO has determined that the open water lake area in the north pit area of the permit meets the standards for a “lined reservoir”. The SEO has noted that additional permitting and testing may be required in the future as mining progresses to make sure on-site water handling and the reservoir continue to meet all applicable SEO requirements. MM has acknowledged this obligation as part of AM04.

During the inspection DRMS noted that the site, on the whole, appeared to be very well managed as was in compliance with the approved mining and reclamation plans. The material extraction areas in the south area of the existing pit are maintained well, and there are also excellent concurrent reclamation activities completed and underway in the south area of the pit (photos 3-4).

Dust and weed control efforts will need to be maintained as appropriate. Although not cited as a problem for this report, several noxious species were noted in the proposed amendment area, such as leafy spurge, knapweed and cheat-grass, which will need to be controlled by the operator via the approved weed control plan when the amendment is approved. There are also Russian Olive trees present in several areas throughout the existing permit that should be removed when the operator’s workload allows.

DRMS and MM then drove and hiked around the perimeter of the proposed amendment area. DRMS noted that the new permit boundary was marked, and that all on-site observations agreed with the information provided in the AM04 application (photos 5-9). Mr. Courtney stated that more permanent permit boundary and buffer area markers will be placed when the amendment is approved and finalized.

No other issues were noted during this inspection.

Inspection Contact Address

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

PHOTOGRAPHS



Photo 1 – Site identification sign at site entrance

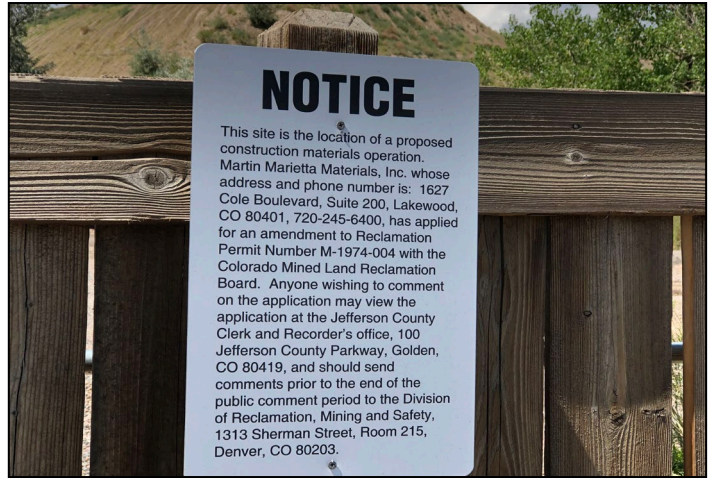


Photo 2 – Notice of amendment applied for sign at site entrance



Photo 3 – Concurrent reclamation at material removal area



Photo 4 – Drilling for next blast in material removal area



Photo 5 – looking SSW into AM04 area from SE permit corner



Photo 6 – Looking W into AM04 area from area SE of existing permit



Photo 7 – NW corner of AM04 area looking east into AM04 area.



Photo 8 – Top of AM04 area looking east/down into valley shown in Photo 6



Photo 9 – AM04 area from center looking east