




**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> Duckworth Pit	<b>MINE/PROSPECTING ID#:</b> M-2003-091	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Weld
<b>INSPECTION TYPE:</b> Monitoring	<b>WEATHER:</b> Clear	<b>INSP. DATE:</b> June 10, 2025	<b>INSP. TIME:</b> 12:00
<b>OPERATOR:</b> Martin Marietta Materials, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Julie Mikulas	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$60,900.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>INSPECTOR(S):</b> Patrick Lennberg	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> June 17, 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>N</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>N</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>N</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</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 Duckworth Pit (site) permit no. M-2003-091 was inspected by Patrick Lennberg with the Division of Reclamation, Mining, and Safety (Division/DRMS). The inspection was completed as part of the Division's routine monitoring program. The site was last inspected by the Division on June 26, 2020, as part of the routine monitoring program. Julie Mikulas representing the Operator, Martin Marietta Materials, Inc, accompanied me during the inspection. The weather was clear and mild.

The site is 112c Construction Materials permit for 56.5 acres. The permit area is in Weld County, approximately 2 miles southwest of Del Camino. The site is accessed to the north of Weld County Road (WCR) 20.5 about 0.5 miles west of the intersection of WCR 20.5 and Co Rd 7. The post-mining land use for this site is developed water resources. The permit area and affected lands are owned by the Operator. A mine sign was posted along the primary mine entrance as required by Rule 3.1.12.

The site was not active at the time of inspection and has been in final reclamation since about 2016. In 2023 the reservoirs were filled during a free river period. Since the last inspection desirable grass species have become well established. There are some annual weed species located throughout the permitted area, but the site is not acting as a source for these species. During the AM-1 application process the Operator provided a demonstration that the side slopes of the reservoirs are at a 3H:1V grade. The slopes are also well vegetated and there were no signs of excessive erosion. The lining of the ponds was approved by the Division of Water Resources on November 28, 2016.

Based on the current conditions of the permit area the Division recommends the Operator seek release of the permit. If the Operator submits the appropriate paperwork within 30 days of the mailing date of this inspection report an additional inspection will not be needed.

Photographs taken during the inspection are attached.

Please contact Patrick Lennberg by email at [patrick.lennberg@state.co.us](mailto:patrick.lennberg@state.co.us) if you have any questions regarding this report.

### **Inspection Contact Address**

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cc: Jared Ebert, DRMS

ec: Julie Mikulas, Martin Marietta, [Julie.Mikulas@martinmarietta.com](mailto:Julie.Mikulas@martinmarietta.com)

## PHOTOGRAPHS



**Photo 1:** Mine sign at primary mine entrance



**Photo 2:** Looking east from the sw corner of western pond



**Photo 3:** Looking north across the western portion of the western pond



**Photo 4:** Looking north across the eastern portion of the western pond



**Photo 5:** Typical vegetation established along the eastern banks of the western pond



**Photo 6:** Looking west across the western pond



**Photo 7:** Looking south along the western shoreline of the eastern pond



**Photo 8:** Looking east across the eastern pond



**Photo 9:** Looking east across the northern shoreline of the eastern pond



**Photo 10:** Typical shoreline conditions of the eastern pond