



COLORADO

Division of Reclamation,
Mining and Safety


Department of Natural Resources

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: Meadow Hollow Quarry	MINE/PROSPECTING ID#: M-2009-006	MINERAL: Sandstone (silica, st quartzite)	COUNTY: Larimer
INSPECTION TYPE: Monitoring	WEATHER: Windy	INSP. DATE: October 24, 2024	INSP. TIME: 13:00
OPERATOR: Colorado Quarry I, LLC	OPERATOR REPRESENTATIVE: John Holiday	TYPE OF OPERATION: 110c - Construction Limited Impact	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$29,723.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
INSPECTOR(S): Jocelyn Carter	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: December 3, 2024

The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.

INSPECTION TOPIC: Signs & Markers

PROBLEM #1: The mine identification sign was posted at the entrance of the mine site, but did not have full and accurate information. This is a problem for failure to post a mine identification sign as required by Section 3.1.12(1) of the rule.

CORRECTIVE ACTIONS: The Operator shall, at the entrance of the mine site, post a sign which shall be clearly visible from the access road, with a minimum size equaling one hundred and eighty-seven (187) square inches, such as eleven (11) inches in height and seventeen (17) inches in width, with appropriate font size, with the following: the name of the Operator, the name of the operation, a statement that a reclamation permit for the operation has been issued by the Colorado Mined Land Reclamation Board; and the permit number. The operator shall submit photo documentation that a proper sign has been posted by the corrective action date.

CORRECTIVE ACTION DUE DATE: February 1, 2025

INSPECTION TOPIC: Right of Entry

PROBLEM #2: Failure to maintain legal right of entry per Rule 6.3.7.

CORRECTIVE ACTIONS: The Permittee/Operator must provide proof of legal right to enter the affected lands to conduct mining and reclamation operations. This may include a copy of a lease, dee, abstract of title, a current tax receipt, or a signed statement by the landowner(s) and acknowledge by a Notary Public stating the Permittee/Operator has legal right to enter to conduct mining and reclamation.

CORRECTIVE ACTION DUE DATE: February 1, 2025

INSPECTION TOPIC: Off-site Damage

PROBLEM #3/POSSIBLE VIOLATION: Land has been affected outside of the approved permit boundary. This is a possible violation at this time pursuant to: 1.) C.R.S. 34-32.5-109(1) for failure to first obtain from the board or office a reclamation permit prior to engaging in a new operation. AND/OR 2.) C.R.S. 34-32.5-116(4)(i) for failure to protect areas outside of the affected land from slides or damages occurring during the mining operation.

CORRECTIVE ACTIONS: The Division will conduct another physical inspection by the given due date, pending weather. At that time, more GPS data will be gathered to better assess the extent of the affected lands outside of the approved permit boundary.

CORRECTIVE ACTION DUE DATE: February 1, 2025

OBSERVATIONS

The Meadow Hollow Quarry was inspected by me, Jocelyn Carter, on behalf of the Division of Reclamation, Mining, and Safety (Division/DRMS) on October 24, 2024. John Holliday, representing Colorado Quarry I, LLC, the Operator, greeted me at the mine entrance. The weather at the time of the inspection was breezy with warm temperatures.

The location of the Meadow Hollow Quarry is approximately 8 miles southwest from the town of Berthoud in Larimer County, Colorado, at an average elevation of ~5,600 feet. To access the site from the intersection of U.S. Highway 287 and West County Road 8 (west of Berthoud), travel west on West County Road 8 for 2.8 miles. Then travel west on County Road 8e for 3.1 miles. Continue straight onto North County Road 31 for 2.7 miles, the mine site is located on the west side of the road.

Upon my arrival at the site, Mr. Holliday greeted me outside what appeared to be the office building and stated that I was free to do my inspection of the area. He stated that he and his "new partners" would be inside if I needed anything. Before making my way to the quarry, another gentleman came out to introduce himself as Bryce, one of the new landowners. Before leaving the site, I did meet with Mr. Holliday and Bryce. I also met Jay who is another landowner.

At the time of the inspection, no mining activity was taking place. According to Mr. Holiday, mine employees were sent home early and mining operations stopped before my arrival due to high wind conditions. There were two excavators, a crusher/processing plant, storage container, generator, pump, and other supplies located within the permit area. The operation is approved to blast material, according to the permit file, but there is no evidence that any blasting has occurred. The mining operation quarries red sandstone layers that are approximately 20-60 feet thick for dimensional stone and flagstone material for construction purposes. There is an area adjacent to the permit area, to the north side, that has been previously described as pre-law disturbance. The operation is a 110c, permitted for 9.90 acres with an approved post-mining land use of general agriculture.

During the review of the permit file and the observations made for this inspection, a few issues were discovered. There are three problems cited in this inspection report: a problem with the mine sign, a problem with the Operator's legal right of entry, and a problem/possible violation for off-site damage. Details about the problems cited and the required corrective actions are given above.

Photographs taken along with a map/satellite image and location data collected during the inspection are provided in this report. The map/satellite image shows the approximate perimeter of the active mining area, the location of the office building and mine sign, and is for reference only. A hard copy of this report will not be provided, one can be requested.

Requests for a hard copy, questions, concerns, and/or comments regarding this inspection should be directed to me, Jocelyn Carter, by email at Jocelyn.carter@state.co.us or by phone at (720) 666-1065.

Records

A records review was done for this inspection. The Operator is up to date on annual fees, reports, and maps and has no open enforcement actions. The post mine land use for the permitted area is general agriculture. The last inspection conducted by DRMS of this permit was done on January 16, 2020.

General Mine Plan Compliance

Discarded pallets, both wooden and plastic, were observed to be a part of stockpiles located on the northeast

side of the disturbed area; see Photos #7 and #8. It is recommended that the Operator properly discard of used pallets and other waste materials and keep the permit area clean and free of trash/debris.

Signs and Markers

The mine sign was posted near the entrance of the permitted area in accordance with Rule 3.1.12(1), see Photo #1. However, the sign does not meet all the requirements outlined in the rule; the name of the Operator, the name of the operation, and a statement that a reclamation permit for the operation has been issued by the Colorado Mined Land Reclamation Board are not provided. See the problem #1 above for information about the corrective action required to address this problem. Permit boundary markers appeared to be in place at the time of the inspection, in accordance with Rule 3.1.12(2), see Photo #2. However, not all the boundary markers were verified during the inspection.

Off-site Damage

In the inspection report for the DRMS inspection that was conducted on January 16, 2020, it states that the pre-law quarry pit located just to the north of the permitted area was being used by the landowner for non-mining related storage. During my inspection, it appeared that the pre-law quarry floor had been cleared and was being used to store palletized product, stockpiles of material, and various mine-related equipment. It was also observed that the areas along both sides of the road from the location of the mine sign (see the map/satellite image) to the quarry, were being used to store mine-related material and various equipment, including a scale; see Photos #11, #12, and #13. Per Rule 1.1(3), which defines "affected land", the current use of the pre-law quarry pit floor and the land along the road are considered affected land and need to be included in the permitted area. See problem #3/possible violation cited above for more details about the required corrective action. Note the Division will need to conduct an additional site inspection to better assess the extent of the affected lands outside of the approved permit boundary.

Right of Entry

At the time of the inspection, Mr. Holliday stated that the property of the permitted area was sold by the prior landowner and that the new landowners were partnering with Colorado Quarry I, LLC for this operation. After completing a review of the file, it appears that there is not an updated Right-of-Entry document between the Operator and the new landowners. This is cited as a problem in this report, please see problem #2 above for the required corrective action to address this problem.

Explosives

According to the technical revision (TR1), approved by the Division on February 9, 2022, blasting is approved to occur on site. The Operator will notify outside agencies, including the Division and the adjoining property owner, 72 hours prior to any blasting event. There are no notifications on file with the Division indicating that any blasting has occurred at the site and there were no explosives observed on site during the inspection.

PHOTOGRAPHS



Photo #1: Mine sign at/near entrance of the permit area. The name of the Operator, the operation name, and a statement that a reclamation permit issued by the Colorado Mined Land Reclamation Board are not given. See problem #1 above for information about the corrective action required.



Photo #2: Permit boundary marker viewed on the west end of the permit area.



Photo #3: One of the excavators and storage unit viewed on the permit area. Looking west-southwest from the southeast area of the permit.



Photo #4: Rock crusher/processor viewed on the permit area. Looking west-northwest from the southeast area of the permit.



Photo #5: Perimeter road in the southwest portion of the permit area; looking northwest.



Photo #6: View of the disturbed area from the west portion of the permit area. The active quarry area is seen in the center of the photo.



Photo #7: Discarded lumber observed in the berms surrounding the quarry and disturbed area.



Photo #8: Discarded plastic pallet observed in the berm surrounding the disturbed area.



Photo #9: One of the excavators viewed within the permitted area, located in the quarry area; looking south.



Photo #10: Storage container, generator, pump, and additional other supplies observed within the permitted area.



Photo #11: Area just to the south of the mine sign, north of the permit boundary and the pre-law quarry; looking to the south. Area appears to be affected lands; material is stockpiled and palletized, and there is various equipment associated with mining stored.



Photo #12: Scale, a structure, and more palletized material observed along the access road, to the north and outside of the permit area.



Photo #13: Area to the north of the permit area and south of the permit sign, the scale can be seen in the lower right side of the photo. The pre-law quarry area appears to be used for storage of material, palletized material, and equipment. The land in this photo is not located within the permitted area.



Map/Satellite image, the green polygon represents the approximate active mining area that was walked during the inspection. To the north, the office building and mine sign are identified.

GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>N</u>	(BG) BACKFILL & GRADING----- <u>N</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>N</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>PB</u>	(SP) STORM WATER MGT PLAN--- <u>NA</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(ST) STIPULATIONS----- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>PB</u>	

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

Inspection Contact Address

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CC: Amy Eschberger, DRMS