



## 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.

<b>MINE NAME:</b> Indio Red Quarry Number 1 & 2	<b>MINE/PROSPECTING ID#:</b> M-1999-062	<b>MINERAL:</b> Sandstone (silica, st quartzite)	<b>COUNTY:</b> Larimer
<b>INSPECTION TYPE:</b> Monitoring	<b>WEATHER:</b> Cloudy	<b>INSP. DATE:</b> October 24, 2024	<b>INSP. TIME:</b> 10:30
<b>OPERATOR:</b> Hector Rodriguez	<b>OPERATOR REPRESENTATIVE:</b> Raul Vasquez	<b>TYPE OF OPERATION:</b> 110c - Construction Limited Impact	

<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$12,400.00
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None
<b>INSPECTOR(S):</b> Jocelyn Carter	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> November 11, 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:** Gen. Compliance With Mine Plan

**PROBLEM:** The current mine plan and reclamation plan needs to be updated and clarified pursuant to C.R.S. 34-32.5-112 (1)(c)(VI) and C.R.S. 34-32.5-112(2). The operator must provide sufficient information to describe or identify how the operator intends to conduct the operation.

**CORRECTIVE ACTIONS:** The operator shall submit one Technical Revision, with the required \$216 revision fee, to update and clarify the current approved mine plan and map to reflect existing and proposed activities by the corrective action date. The Technical Revision will need to clarify how the land is being used and also update the reclamation plan and map addressing the additional roads observed on site.

**CORRECTIVE ACTION DUE DATE:** 1/03/25

#### **INSPECTION TOPIC:** Signs & Markers

**PROBLEM:** The mine identification sign was not posted at the entrance of the mine site. This is a problem for failure to post a mine identification sign as required by Section 3.1.12(1) of the rule. 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, a statement that a reclamation permit for the operation has been issued by the Colorado Mined Land Reclamation Board; and the permit number.

**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 the following: the name of the operator, 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:** 12/13/24

## **OBSERVATIONS**

The Indio Red Quarry Number 1&2, Permit No. M-1999-062, located in Larimer County, was inspected by me, Jocelyn Carter, on behalf of the Division of Reclamation, Mining, and Safety (Division/DRMS). Mr. Raul Vasquez was present for the inspection and represented the Operator, Hector Rodriguez. The inspection was performed on October 24, 2024, the weather was overcast and breezy.

To access the permit site, I met Mr. Vasquez at 4168 Ute Highway in Longmont, CO, and then followed him approximately 4 miles north via private roads to the permit area. Indio Red Quarry Number 1&2 is located just north of the Boulder-Larimer County line and is broken up into two parcels; Quarry 1 located to the south and Quarry 2 located to the north. There are other permits in the surrounding area including Lyon King Quarry (M-1999-064) which borders the west side of the Quarry 1 parcel, Red Wolf Quarry (M-1999-063) located north of the Quarry 2 parcel, Beech Hill (M-1981-108) located to the northwest, and T Bone Stone Quarry borders the south of the Quarry 1 parcel and located in Boulder County. The Red Wolf, Lyon King, and Beech Hill quarries are operated by other members of the Vasquez family.

The presence of the nearby quarries complicates the area and determining which operation is responsible for various land disturbances is difficult. Mr. Vasquez mentioned that this issue has been discussed in the past with prior specialists and mentioned that he would be open to consolidating this permit with the other permits that are operated by family members. The Division agrees that consolidating the four permits under one permit would be ideal for both the Operator(s) and the Division and is open to discussing the available option of how this would be done with the Operator. Mr. Vasquez stated that they would not be able to move forward with revisions or new applications to consolidate for about a year. Over the next year, the Division will be inspecting the other permits to assess the conditions at each location.

At the time of the inspection, there was some quarrying activity occurring on the Lyon King Quarry and that material was being moved onto the Indio Red Quarry Number 1. There were several wheel loaders and a flatbed truck on the Quarry 1 parcel. There was no mining activity occurring on the Quarry 2 parcel. Both parcels had palletized material ready for shipping as well as small stockpiles of product material and overburden for reclamation purposes. The operation prepares dimension stone by hand; therefore, explosives are not used on site. Diesel fuel is kept in two tank vessels on the Quarry 1 parcel, just north of one of the haul roads.

There are four issues that were identified during the inspection, three of the four are being addressed in two problem citations. There are additional roads that were observed on site and in satellite imagery that are not accounted for in the mining plan. The mining plan also states that quarrying will occur on site; the quarrying that appears to be occurring is not on this permit, but processing the extracted material is occurring. The issues of the roads and quarrying are cited as a general mine plan compliance problem. However, the corrective action is requiring a technical revision be submitted that will update both the mining plan and the reclamation plan. The second problem cited is regarding the mine sign not being posted at the entrance of the permitted area. The fourth issue is the permittee for this operation is Hector Rodriguez, who is Mr. Vasquez's ex-son-in-law. It is not clear if Mr. Rodriguez is still associated with the mining operation. If he is not, a Succession of Operator application needs to be submitted to the Division. A problem is not being cited for this issue at this time.

Photographs taken during the inspection along with a map created using data collected during the inspection are provided at the end of this report. Questions regarding this inspection should be directed to me at [Jocelyn.carter@state.co.us](mailto:Jocelyn.carter@state.co.us) or (720) 666-1065.

## **Records**

A records review was completed as part of this inspection. The Operator is up to date with annual fees, maps, and reports and there are no open enforcement or minor infractions for this permit.

### **General Mine Plan Compliance**

The current mining plan for this site states that quarrying will start from the west and move eastward, quarrying about 1 acre at a time. Overburden will be screened for both topsoil and product material before being used to return the land to their original slopes.

The parcels of Indo Red Quarry Number 1&2 appeared to be used for storing material, both product material and overburden material to be used for reclamation were observed on the permitted areas. Quarrying operations were occurring to the west of the Quarry 1 site on the neighboring Lyon King Quarry operation, permit number M-1999-064. There did not appear to be any quarrying occurring on the Indo Red Quarry permit.

There also appeared to be well maintained roads on both permitted areas and connecting the two quarries. When asked about the roads, Mr. Vasquez stated that the roads are private and that he is the landowner so he will continue to maintain the roads beyond the life of the mine. The full extent of the roads is not reflected in the current permit file as required by Rule 6.3.3(g).

A problem is being cited in this report for these issues concerning the general mine plan compliance. Please see the corrective action required to address these issues above.

### **Signs and Markers**

According to Rule 3.1.12(1), the mine sign is required to be posted at the entrance of the permitted area. The mine sign for this permit was not posted at the entrance of the permit, the map provided in this report shows where the mine sign was observed during the inspection. The mine sign is not located at the entrance and does not appear to be within the permitted site based on where the boundary markers were located.

A problem is being cited in this report regarding the mine sign. Please see the corrective action required to address this problem above.

Permit boundary markers were in place marked by white PVC tubes. It is unclear if these points correlate with the maps on file for this permit. In addressing the general mining plan corrective action, the Operator is asked to provide the location of the permit boundaries markers on the updated maps. The locations and the labels of the PVC markers observed during the inspection are provided on the map below.

### **Financial Warranty**

The current bond held by the Division for this permit is \$12,400.00. It is unclear if this is an adequate financial warranty for the site due to the discrepancies between the mining and reclamation plans and what is observed to be occurring on site. A full bond calculation will be conducted during the technical revision process.

### **Roads**

There are additional roads that were observed within the two parcels of the permitted area and two roads that connect the two parcels. The location of the roads is provided in the map below. The condition of all roads was good, there did not appear to be any environmental issues associated with the roads. Mr. Vasquez stated that the roads are regularly maintained by him, as the landowner.

### **Reclamation Plan/ Compliance**

There is an issue with the reclamation plan for the permitted area. As stated before, there are additional roads present on the two parcels of the permitted area that are not included in the reclamation plan. A technical

revision is required as the corrective action for the problem cited regarding the general mining plan. It is required that an updated reclamation plan also be included in the required technical revision application.

## PHOTOGRAPHS



Photo #1: Mine sign, the location of where the sign is posted is shown in the map below. The mine sign needs to be posted at the entrance of the permitted area.



Photo #2: Southeast boundary marker of Quarry 1 parcel; looking to the southwest.





Photo #3: Northeast boundary marker of Quarry 1 parcel.



Photo #4: Northwest boundary marker of Quarry 1 parcel; looking northwest.





Photo #5: Southwest boundary marker of Quarry 1 parcel; looking south-southwest.



Photo #6: West side of Quarry 1 parcel looking northeast from the southwest boundary marker. The two diesel tank vessels can be seen at the center of the photo. I the background a wheel loader and the flatbed truck can be seen in the left of the photo.





Photo #7: East side of Quarry 1 parcel looking to the southwest from the about center of the eastern boundary. The stockpiled material seen in the background on the left side of the photo is on the T Bone Stone (M-2004-030) permitted area.



Photo #8: Southeast boundary marker of Quarry 2 parcel; looking northwest.





Photo #9: Northeast boundary marker of Quarry 2 parcel; looking northwest.



Photo #10: Northwest boundary marker of Quarry 2 parcel; looking northwest. The stones in this area are from pre-law mining activity and are not considered to be disturbances associated with this permit.





Photo #11: Southwest side of Quarry 2 parcel from the southwest parcel corner; looking north-northeast.



Photo #12: Northwest side of Quarry 2 parcel from the northwest boundary marker; looking east-southeast.



Indio Red Quarry Number 1&2 M1999062 2024 Inspection



Map created from data points collected during the inspection. Each inspection point is labeled. The inspection polygons outline the approximate parcel boundaries of Quarry 1 and Quarry 2 the permitted area. The boundary marker points ending in '1' are associated with Quarry 1 and those ending in '2' are associated with Quarry 2. The inspection lines depict the additional roads observed during the inspection.





### 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>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>N</u>	(BG) BACKFILL & GRADING----- <u>N</u>	(EX) EXPLOSIVES----- <u>NA</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>PB</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>NA</u>	(ST) STIPULATIONS----- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</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

#### Inspection Contact Address

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CC: Bobbie Vasquez, Blue Mountain Stone/Hector Rodriguez  
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