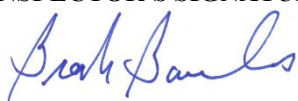




**MINERALS PROGRAM INSPECTION REPORT**  
**PHONE: (303) 866-3567**

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> Roberts Quarry	<b>MINE/PROSPECTING ID#:</b> M-1977-301	<b>MINERAL:</b> Limestone (general)	<b>COUNTY:</b> Larimer
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Brock Bowles	<b>INSP. DATE:</b> June 30, 2022	<b>INSP. TIME:</b> 11:30
<b>OPERATOR:</b> Pete Lien & Sons, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Dana Mellage	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b>	<b>BOND AMOUNT:</b> \$252,213.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Cloudy	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> September 2, 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>N</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>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>N</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>N</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(ST) STIPULATIONS----- <u>N</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**

This inspection was conducted by Brock Bowles of the Division of Reclamation, Mining and Safety (Division). Dana Mellage of Pete Lien and Sons (Operator) was present for the inspection. The Roberts Quarry is located about ½ mile east of Livermore. The site is an active 112c operation with 280 acres permitted and the post-mining land use is rangeland. This inspection was carried out as a part of the Division's routine monitoring inspection program. At the time of the inspection it was cloudy, warm and the ground was dry.

The Roberts Quarry is accessed through the Rex Quarry, M-1977-304, which is also operated by Pete Lien and Sons. The mine entrance sign was in place at the main gate (photo 1). No mining was taking place and no mining equipment was on-site. There is one access road entering the site from the east side of the quarry.

The phase descriptions listed below are based on the TR5 Map. There are two Phase IVs shown on the map. Based on the written descriptions in TR5, the Phase IV in the SE corner is mislabeled and is actually VI. This nomenclature will be used for this report.

Phase VI is on the south side of the access road. About 2 acres of this area is an open pit (photo 2).

Phase V is the next section west of Phase VI. The area north of the access road has largely not been disturbed with the exception of about .75 acres along the road side. The south of the access road, about 4 acres, has been reclaimed and revegetated (photo 3).

The Phase I area on the south side of the road has not been disturbed. The area on the north side of the access road slopes to the north. It is about 13 acres. The eastern portion has been reclaimed. The western portion has been mostly backfilled but still needs some finish grading. The topsoil pile is on the north side of the pit.

The Phase IV area on the south side of the access road has not been disturbed. The area on the north side of the road is the main pit area which slopes to the north and is about 25 acres. The highwall of the pit is on the north side which contains any potential runoff from leaving the site (photo 4). The topsoil pile is on the western side of the pit area and is well vegetated (photo 5).

The Division holds a bond in the amount of \$252,213 in corporate surety. The Division has determined that the currently held financial warranty is adequate to complete reclamation of the current affected land.

## PHOTOGRAPHS



Photo 1 – Mine entrance sign facing Hwy 287



Photo 2- Phase VI pit area on south side of access road.





Photo 3 – Revegetated area west of the Phase VI area.



Photo 4 – North pit area facing east, highwall on left contains runoff.





Photo 5 – Topsoil stockpiles

**Inspection Contact Address**

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Rapid City, SD 57709

Enclosure

CC: