




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: Owl Canyon Quarry	MINE/PROSPECTING ID#: M-1977-302	MINERAL: Limestone (general)	COUNTY: Larimer
INSPECTION TYPE: Monitoring	INSPECTOR(S): Brock Bowles	INSP. DATE: September 29, 2021	INSP. TIME: 09:00
OPERATOR: Pete Lien & Sons, Inc.	OPERATOR REPRESENTATIVE: Dana Mellage	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE:	BOND AMOUNT: \$677,100.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: October 18, 2021	

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>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>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 Owl Canyon Quarry is located about ½ mile east of Livermore. The site is an active 112c operation with 276 acres permitted and the post-mining land use is wildlife habitat. 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, windy, cool and the ground was dry.

This site is adjacent to the south of the Rex Quarry (M-1977-304) which is also operated by Pete Lien and Sons. The two sites are operated as a single unit. Both sites were inspected at the same time and some information may overlap between the two inspection reports.

The mine entrance sign was in place facing Hwy 287 (photo 1).

The active mining area was in the northern section of the permit area (photo 2). Mining progressed from west to east, downhill. A highwall on the eastern, downhill side of the mining area containing all runoff generated from the mining area. No standing water was seen any of the pit areas.

The overburden and topsoil piles were located west and above the mining area. The southern and western portions of the disturbed area have been reclaimed. The western reclaimed areas were marked with t-posts and the overburden piles were to the east of the t-posts (photo 3).

The last blast that took place was a couple of days prior to the inspection (photo 4). The blast logs were available for inspection in the main office.

The reclamation cost estimate was evaluated as part of this inspection. The updated cost estimate was evaluated as \$680,448. The Division holds a bond \$677,100. The difference is \$3,348 or 0.4%. The Division will not ask for a surety increase at this time due to the small difference in value.

PHOTOGRAPHS



Photo 1 – Mine entrance sign facing Hwy 287



Photo 2 – Main mining area in northern section of permit area, facing southeast



Photo 3 – Reclamation to the right of the t-posts, facing south



Photo 4 – Rubblized material from last blast

Inspection Contact Address

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Enclosure

CC: