




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: Rifle Quarry	MINE/PROSPECTING ID#: M-1985-038	MINERAL: Limestone (general)	COUNTY: Garfield
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy C. Yeldell	INSP. DATE: November 9, 2017	INSP. TIME: 08:00
OPERATOR: Pete Lien & Sons, Inc.	OPERATOR REPRESENTATIVE: None	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$53,640.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: November 20, 2017	

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>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</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>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>NA</u>	

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

OBSERVATIONS

This inspection was conducted as part of the Colorado Division of Reclamation, Mining and Safety (Division) normal monitoring program. Representatives from Colorado Lien Company were contacted prior to the inspection but were not present. The inspection was conducted by Amy Yeldell of the Division.

The Rifle Quarry is a 112c permitted site that consists of 1.65 acres. It is located approximately 25 miles northwest of Rifle and is accessed from Garfield County Road 292. This site is in final reclamation.

The mine identification sign and affected area boundary markers remain in place and in compliance with Rule 3.1.12. The mine identification sign is on the left side of the access road as you enter the site.

Since the previous inspection the site has been fully reclaimed and is now waiting for vegetation to establish. Imported growth medium in the form of fish emulsion and spent grain/potato mash was brought in, then ripped to help blend the material. Stormwater BMPs such as rock check dams and sediment catch basins were installed. The updated approved seed mix was applied.

Additionally boulders were placed at the entrance of the access road to detour traffic. It appears that one of the boulders may have been moved. If trampling of reclaimed vegetation becomes a problem the operator should replace or add additional boulders.

Vegetation along the access road is sparse. The ruts remain void of vegetation but the other areas are growing well. Additionally some areas appear to be compacted or lack the necessary growth medium to support vegetation. If additional vegetation does not establish in the spring of 2018 the operator should conduct secondary seeding. Spot seeding measures should be employed to avoid disturbing already established areas.

The side slopes have excellent vegetative cover. Grass is over a foot tall and very dense. Likewise there are patches throughout the quarry floor with dense vegetation.

Some minor rills were identified. At this time they do not appear to be causing a problem or require attention. If riling increases and leads to excessive erosion then additional BMPs will need to be utilized as well as some touch up reclamation.

The portals on site remain secured.

Some noxious weeds were spotted, specifically Mullen, hounds tongue and mustard. Aggressive weed management should be employed to ensure reclamation is not threatened.

No problems or violations were noted during this inspection.

Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@state.co.us

PHOTOGRAPHS



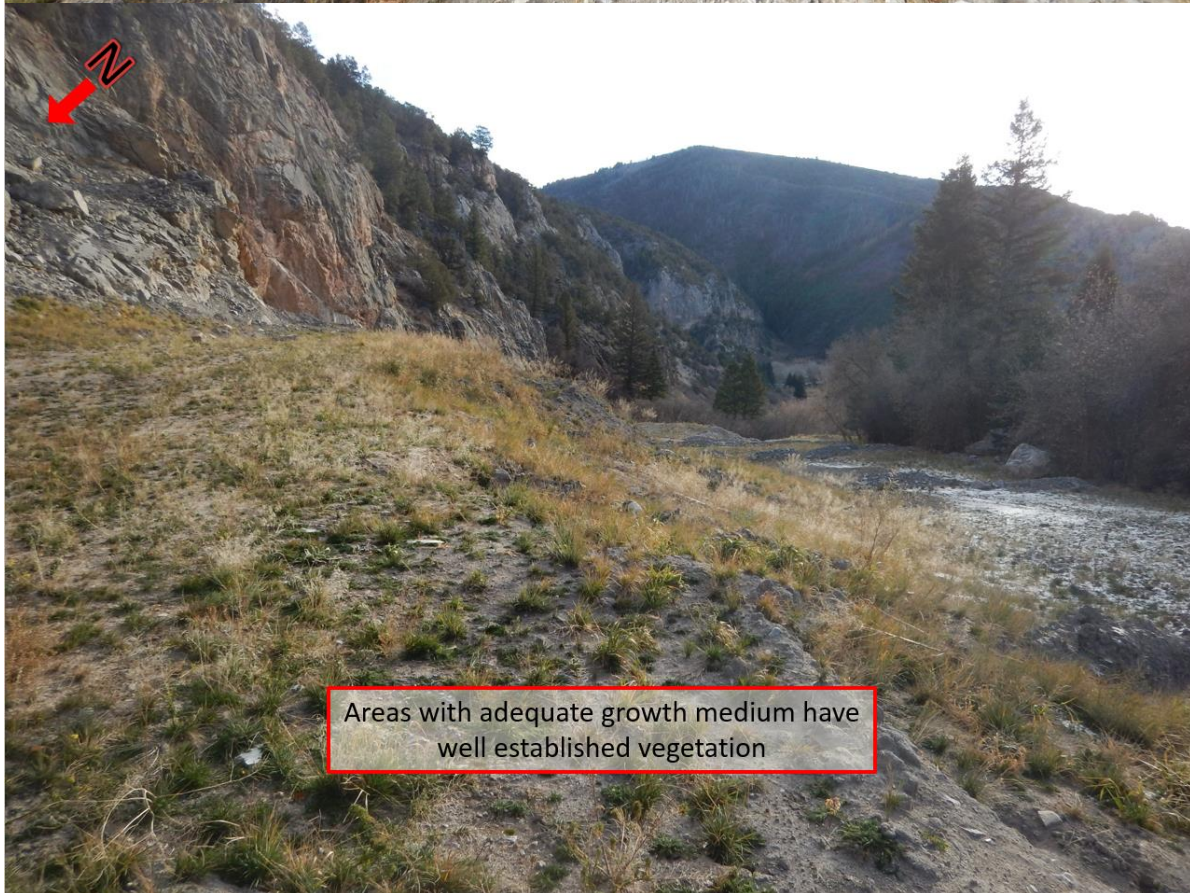


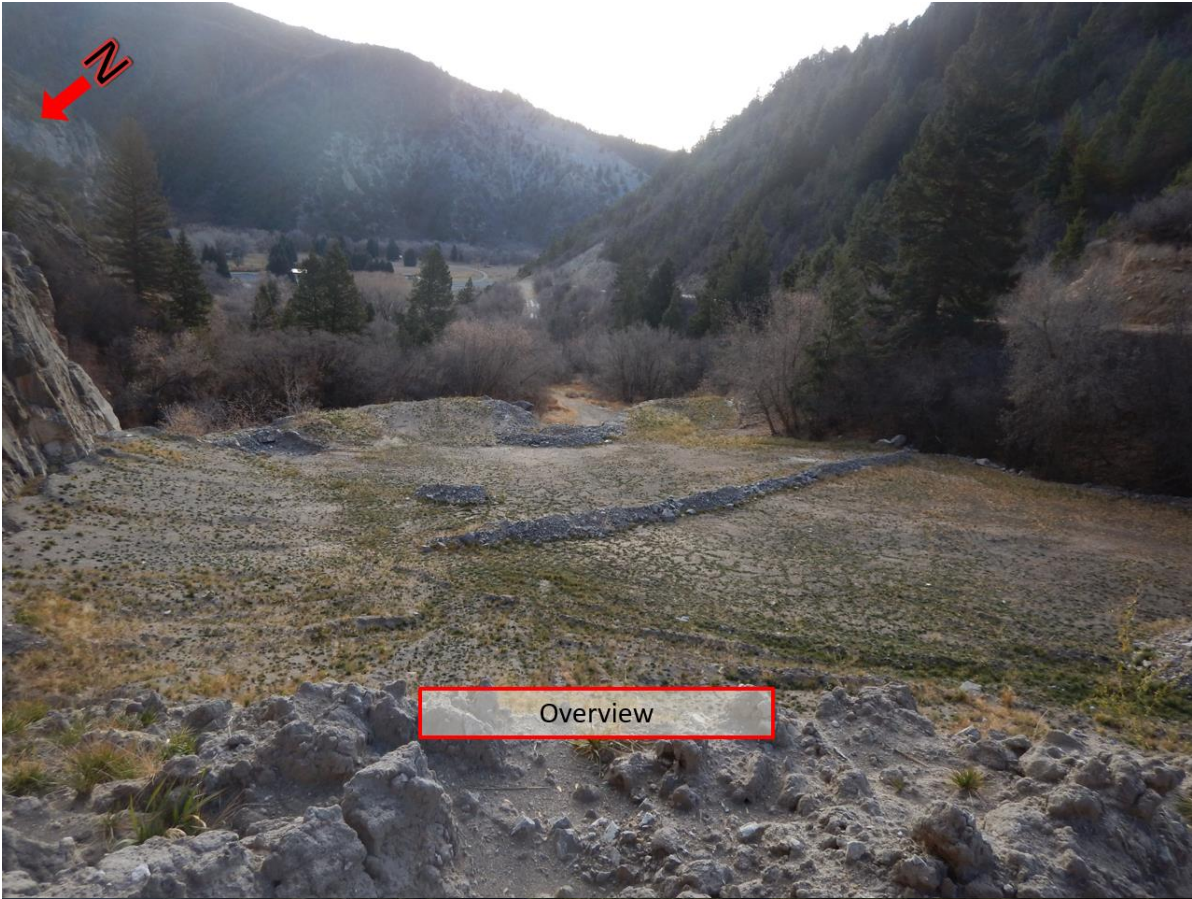


Overview of quarry, reclamation patchy
on the floor



Portal remains locked and secure







Inspection Contact Address

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Rapid City, SD 57702

Enclosure

EC:
Russ Means, Senior EPS / Field Office Supervisor, Grand Junction DRMS
Jessica Lopez Pearce, Colorado River Valley Field Office BLM