




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: 31 Road Pit	MINE/PROSPECTING ID#: M-1987-178	MINERAL: Sand and gravel	COUNTY: Mesa
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy C. Yeldell	INSP. DATE: February 23, 2018	INSP. TIME: 10:45
OPERATOR: Parkerson Construction, Inc.	OPERATOR REPRESENTATIVE: Greg Monger	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$194,642.35	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Windy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: March 7, 2018	

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>Y</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>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</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. The 31 Road Pit is a 112c permitted site that includes a total of 50.40 permitted acres. The site located just northeast of the intersection of C Road and 31 Road in Grand Junction, CO. Greg Monger of Parkerson Construction, Inc. represented the operator and accompanied Amy Yeldell of the Division conducted the inspection.

The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12. A signs is posted as you enter the permit boundary. The site is surrounded with visual berms as well as t-post periodically. The boundary markers have been updated on the western side to reflect the changes of AR-1 approval.

This site was active at the time of the inspection. Two plants and a loader were operating at the time of the inspection. The scale and scale house are located as you enter the pit floor. They were being used for the adjacent C Road Pit (M-2016-050). Additional trucks and equipment are neatly parked on the pit floor. Mining related supplies are neatly stored along the eastern boundary. The site is clean and free of trash and other miscellaneous debris.

Mining is progressing towards the East. In late 2017 TR-3 allowed for an additional 95 feet to be mined. This area has been surveyed and stripped. As a reminder the operator is required to maintain a 200 foot buffer from the permit boundary to protect nearby structures. The topsoil from this area has been stockpiled in a berm along the southern boundary. The topsoil pile did not appear to be reseeded yet.

Some highwalls remain along the northern boundary. Once mining has concluded the pit will daylight out the bluffs. A large stockpile also provides a visual berm between the pit and the river for the time being.

This site has a maximum disturbance of 40 acres. With the addition of the TR-3 area staff estimates that approximately 53 acres are currently affected. The pit has been excavated to a depth of approximately 20 feet. Highwalls are near vertical. Material naturally sloughs into a pile at the base of the highwall. Several stockpiles exist within the pit floor. Stockpiles are stored neatly according to size class. Stockpiles are stable and erosion free and sloped approximately 2:1.

The ground was largely covered by snow at the time of the inspection. Staffs ability to inspect vegetation and erosion was limited. Only taller vegetation was observed as lower growth forms were covered by snow.

There is no exposed ground water at this pit.

The Division currently requires a financial warranty amount of \$194,624.35 for this site. The bond has not been recalculated since SI-1 in 2012. In an effort to ensure the Financial Warranty adequately, reflects the actual current cost of fulfilling the requirements of the approved reclamation plan the Division will be updating the reclamation cost estimate. If the current bond is found to be insufficient the Division will send a Notice of Surety Increase under a separate cover.

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





Scale and scale house

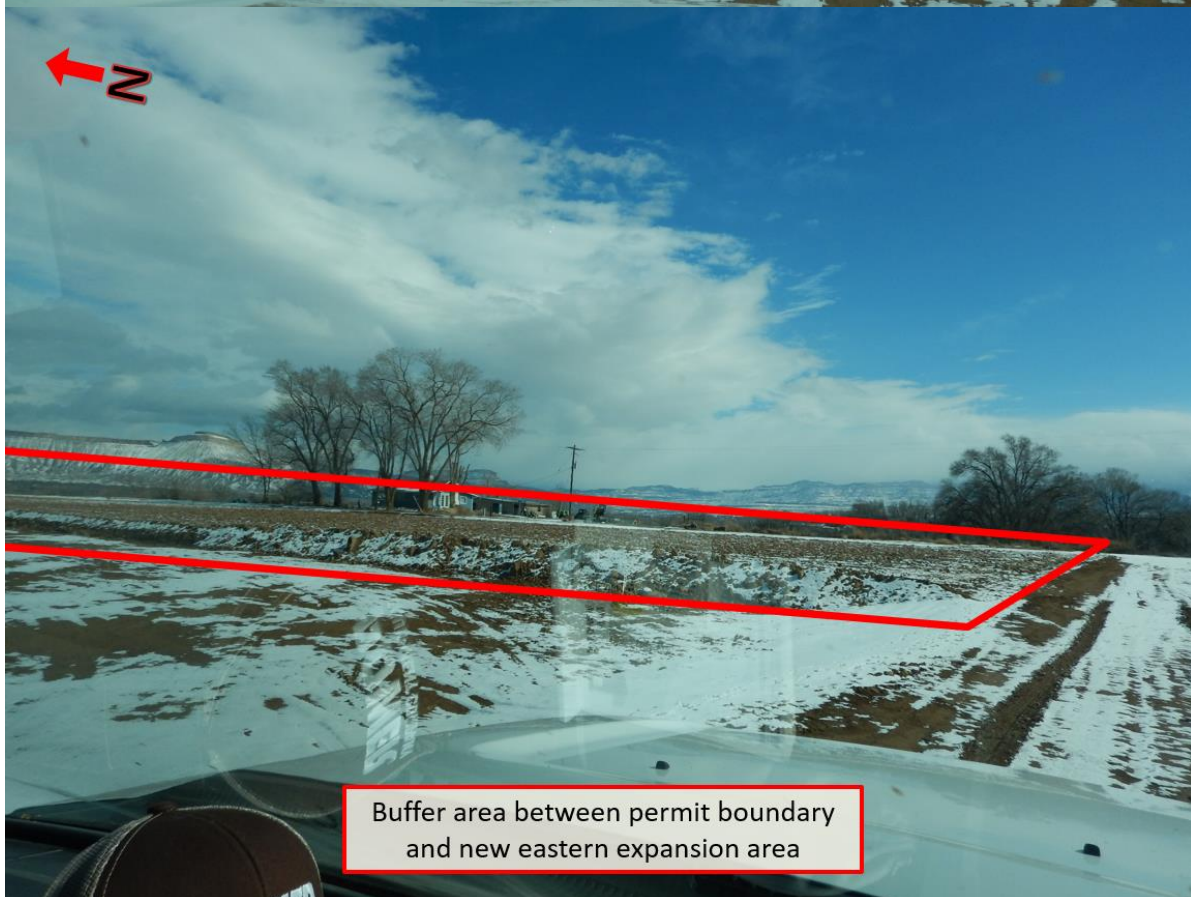


Overview of stockpile area





Newly stripped eastern expansion area



Buffer area between permit boundary
and new eastern expansion area







Inspection Contact Address

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Enclosure

CC:
Russ Means, Senior EPS, Grand Junction DRMS