



COLORADO

Division of Reclamation,
Mining and Safety

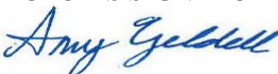
Department of Natural Resources

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.

MINE NAME: 31 Road Pit	MINE/PROSPECTING ID#: M-1987-178	MINERAL: Sand and gravel	COUNTY: Mesa
INSPECTION TYPE: Surety Release Inspection	INSPECTOR(S): Amy C. Yeldell	INSP. DATE: June 30, 2016	INSP. TIME: 13:00
OPERATOR: Parkerson Construction, Inc.	OPERATOR REPRESENTATIVE: Ivan Geer	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Surety Release Requested	BOND CALCULATION TYPE: Complete	BOND AMOUNT: \$194,642.35
DATE OF COMPLAINT: NA	POST INSP. CONTACTS:	JOINT INSP. AGENCY: None
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: July 6, 2016

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>N</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>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>

(AT) ACID OR TOXIC MATERIALS----- NA (OD) OFF-SITE DAMAGE-----NA (ST) STIPULATIONS----- Y

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 by the Division of Reclamation, Mining and Safety (Division) in response to the request for an acreage release (AR-1) that was submitted by the operator on June 21, 2016. In addition to the areas requesting release, the entire site was inspected. Photographs are included in this report to illustrate some of the conditions that were observed during this inspection.

Ivan Geer represented Parkersons Construction, Inc. and accompanied Amy Yeldell of the Division on the inspection. The 31 Road Pit is a 112c permitted site. The site located just northeast of the intersection of C Road and 31 Road in Grand Junction, CO. The site is currently permitted for 86.80 acres with a maximum disturbance of 40 acres.

AR-1 requested that 26.3 acres in the western portion of the permit area be released. This area includes the residential area with landscaping approved under TR-1. The approved reclamation plan calls for the farming access roads to remain. All pit slopes will be graded to a 3:1 slope or less, topsoil replaced and broadcast seeded with a dry rangeland mix. The flat bottom portions were to topsoiled and used as irrigated cropland.

Slopes are stable and reclaimed. It is noted that at this time the operator did not request to release the slope south of the farm road, just the cropland and residential area at this time. The cropland area has irrigation in place and has been planted. Half of the main field has alfalfa growing and the other half has a new crop just germinating. The small field to the south of the residential area also has a stand of alfalfa actively growing. All requirements of the approved reclamation plan were met in the western portion of the permit area.

There is a vegetative buffer between the reclaimed areas and the active pit. This is not to be release in AR-1. Stockpiles of topsoil area within the buffer area and therefore cannot be release since they will need to be affected in the future.

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. Given the irregular shape of this permit the operator may benefit from more frequent delineations. In addition, please note that upon approval of AR-1 the new western permit boundary shall be delineated to the west of the vegetation buffer.

The pit was active at the time of the inspection. A processing plant and equipment were observed operating. Trucks were hauling material off-site. Also observed was a water truck spraying for dust suppression. No fuel is stored on site. A scale and scale house were present as you enter the pit floor. All equipment is parked in a centralized area.

The pit has been excavated to a depth of approximately 20 feet. Highwalls are near vertical. Material is scooped using a loader then transported to the plant. This material naturally sluffs into a pile at the base of the highwall. Periodically an excavator is used to scrape the top of the slope down to prevent undermining as

material is scooped. Mining is moving in an easterly direction. The operator is practicing progressive reclamation. Periodically areas are reclaimed as material is removed, and space is cleared. This progressive reclamation practice is imperative in maintaining the 40 acres maximum disturbance.

Several stockpiles exist within the pit. They are stored neatly according to size class. Topsoil and overburden is stored in visual berms along the permit boundary. There are a few additional piles stored throughout the pit. Stockpiles are stable and sloped approximately 2:1. All stockpiles are erosion free.

Some weeds such as Russian Thistle, Kochia and Halogeton were observed. At this time they are not cited as a problem. The operator is encouraged to more aggressively manage their weeds to avoid potential future reclamation release delays.

Overall, the site practices good housekeeping and is very well organized and clean. No problems or violations were noted during this inspection.

A determination regarding the acreage release (AR-1) request will be sent under a separate cover.

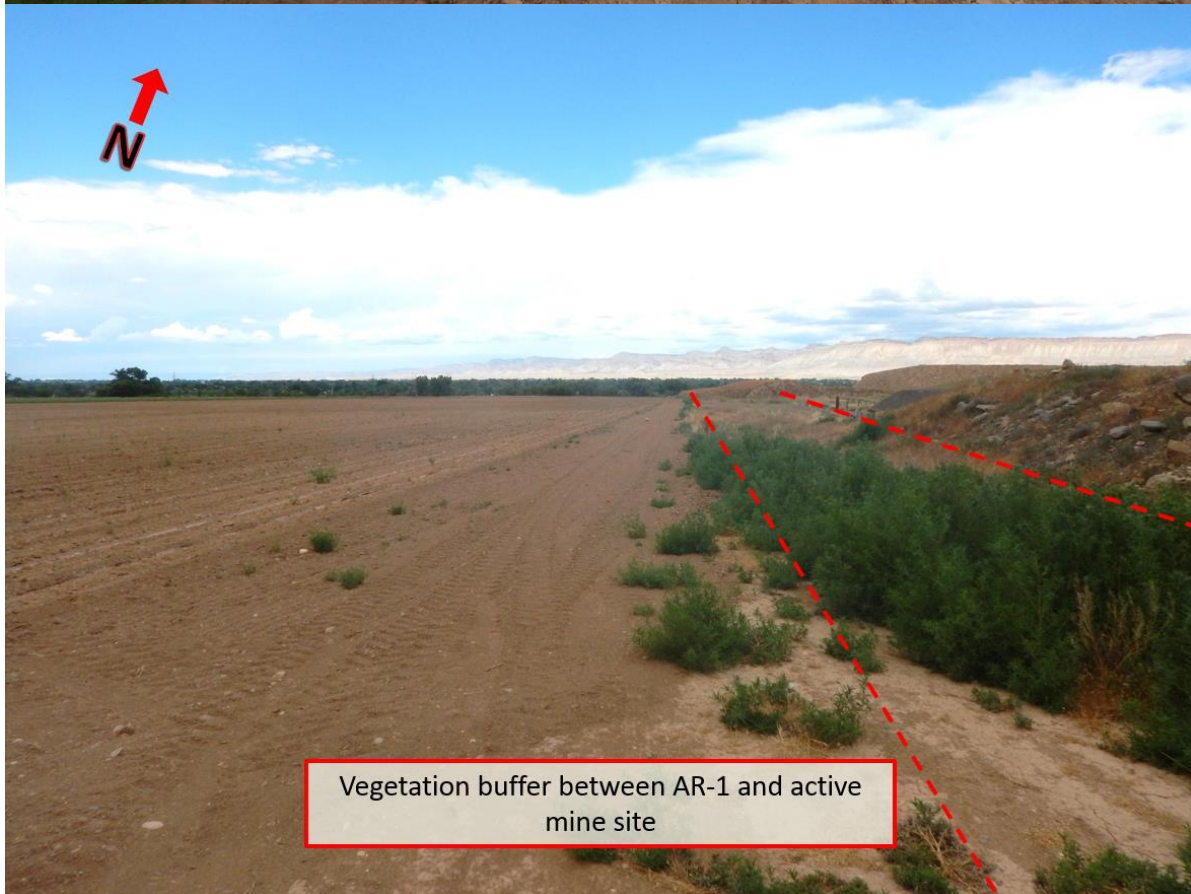
Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@ state.co.us

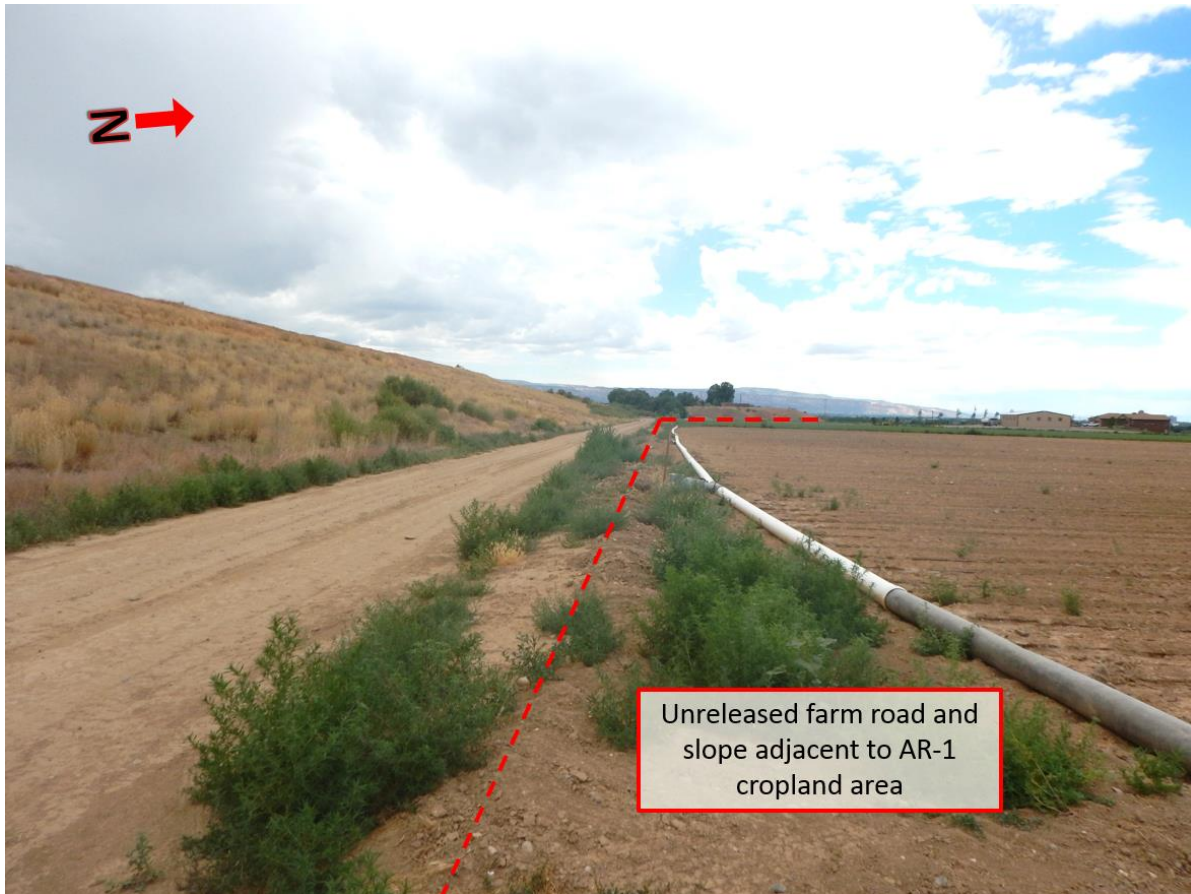
PHOTOGRAPHS

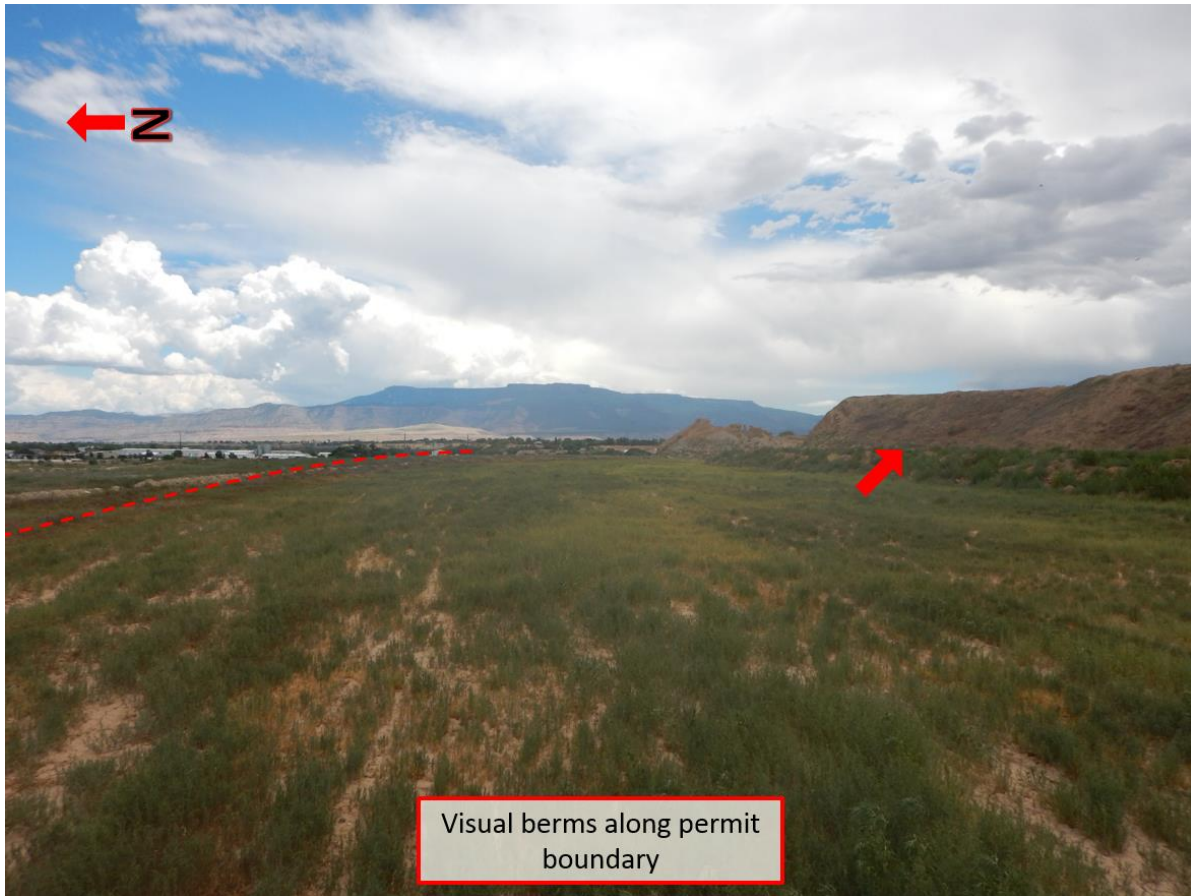
















Inspection Contact Address

Ivan Geer
Parkerson Construction, Inc.
710 S. 15th St
Grand Junction, CO 81501

Enclosure

CC: Russ Means, EPS Senior, DRMS GJFO