




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: East Douglas Creek Gravel Pit	MINE/PROSPECTING ID#: M-1998-054	MINERAL: Gravel	COUNTY: Rio Blanco
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: October 24, 2023	INSP. TIME: 10:30
OPERATOR: Rio Blanco County	OPERATOR REPRESENTATIVE: Clint Chappell	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$0.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: U.S.BLM	
INSPECTOR(S): Amy Yeldell	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: November 6, 2023	

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>NA</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>N</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>NA</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>Y</u>	(OD) OFF-SITE DAMAGE----- <u>NA</u>	

Y = Inspected / 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's (Division) normal monitoring program. The East Douglas Creek Gravel Pit is a 112c permitted site that consists of 15.29 acres. The site is located in Rio Blanco County 19 miles south of Rangely Colorado. The pit is accessed via CR 27. Clint Chappell, and James Haggart represented the operator and accompanied Amy Yeldell of the Division on the inspection. James Roberts of the BLM was also present for the inspection.

Acid And Toxic Materials:

No fuel or other hazardous materials were stored on site.

Backfilling and Grading:

The northwestern portion of the permit is the active highwall. It is approximately 100 feet tall, 200 feet wide and sloped at a 1H: 1V. To the right or south of the vertical highwall is a slope that's been dozed down and used to access the top of the highwall (Photo One). This area will require additional grading in order to reduce the grade as backfill is not feasible. It was briefly discussed that add additional land to the north may be necessary to extend life of mine and make final reclamation easier. Increasing the permit size (adding acreage) will require an amendment.

On the southern portion of the permit area is one small remaining highwall that that needs blended out. Additionally there are some random piles in the southern area that need general blending prior to revegetation (Photo Three).

Explosives:

This operation is not approved for the use of explosives in conjunction with mining. No explosives or evidence of use on site were observed. If this type of activity becomes necessary for mining the Mining Plan must first be revised.

Financial Warranty:

No financial warranty is held for this site as it is operated by Rio Blanco County, per Rule 4.1.2(2) and C.R.S. 34-32.5-117 (3)(f)(VIII).

Hydrologic Balance:

No exposed groundwater was observed. No water is used to process material at this site

Gen. Compliance With Mine Plan:

The rock wall is excavated using a jackhammer attachment. If the operator in the future needs to use explosives the Mining Plan must first be revised. Only crushing and screening operations take place. No washing or further processing of materials (asphalt or cement). A grizzly was located on site to screen pit run on an as needed basis.

One main stockpile of process material was located on site (Photo Two). It is approximately 15 feet tall and appears stable. It has been a number of years since the material was crushed. Given the stockpile size future crushing is not anticipated in the near future.

Off-site Damage:

No off site damage or disturbances were identified.

Roads:

In the southern permit area, it was discussed about leaving a small driveway to access the electrical pole (Photo Five). During the winter months a grader is staged behind the locked gate and plugged in to facilitate snow removal. If the County would like to leave this area post reclamation, they will need to update the Reclamation Plan and associated map depicting the area where vegetation will to be established.

Reclamation Success:

No areas were evaluated for final reclamation release during this inspection.

Revegetation:

Portions of the southern permit area have been reclaimed. The majority of slopes have been regraded and have well-established shrubs and desirable vegetation. Approximately a one and half acre parking area remains (Photo Four). As this area moves towards reclamation, decompaction and rough grading is encouraged to trap additional moisture and facilitate vegetation establishment. Additionally ensure that newly reclaimed areas get surveyed and treated as necessary for weeds since newly established areas are more vulnerable.

Sediment Control:

No significant signs of erosion or sedimentation were observed. The pit has two sediment ponds along the north side to direct run-on through the side and manage run-off. All ponds appeared to be functional and no discharges were observe.

Support Facilities On-site:

No fuel, buildings or equipment were located within the permit.

Signs and Markers:

A mine sign was posted at the entrance to the mine site as required by Rule 3.1.12(1). The information depicted was correct/ up to date and the sign was of sufficient size. The permit boundary of the affected land was clearly delineated primarily by a wire fence pursuant to Rule 3.1.12(2). Both mine entrances had a locked gate to restrict access.

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, Rm 215, 1001 E 62nd Ave, Denver Co 80216. Direct contact can be made by phone at 303-866-3567 Ext 8183 or via email at amy.yeldell@state.co.us

Inspection Contact Address

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Enclosure

CC:

Travis Marshall, Senior EPS, Grand Junction DRMS
James Roberts, BLM

PHOTOGRAPHS



Photo 1: Active northern highwall



Photo 2: Stockpile of processed material



Photo 3: Overview of southern highwall and misc. grading remaining.

