




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.

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| MINE NAME: Arnold Gulch | MINE/PROSPECTING ID#: M-1998-091 | MINERAL: Sand and gravel | COUNTY: Chaffee |
| INSPECTION TYPE: Monitoring | INSPECTOR(S): Dustin M. Czaplá | INSP. DATE: July 12, 2018 | INSP. TIME: 08:00 |
| OPERATOR: Joseph L and Arlene Cogan DBA B.B.L. CO | OPERATOR REPRESENTATIVE: Joseph Cogan | TYPE OF OPERATION: 110c - Construction Limited Impact | |
| REASON FOR INSPECTION: Normal I&E Program | BOND CALCULATION TYPE: Complete Bond | BOND AMOUNT: \$17,500.00 | |
| DATE OF COMPLAINT: NA | POST INSP. CONTACTS: None | JOINT INSP. AGENCY: None | |
| WEATHER: Clear | INSPECTOR'S SIGNATURE:  | SIGNATURE DATE: July 17, 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.

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| (AR) RECORDS----- <u>Y</u> | (FN) FINANCIAL WARRANTY----- <u>Y</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>N</u> |
| (SM) SIGNS AND MARKERS----- <u>Y</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>Y</u> | (ST) STIPULATIONS----- <u>N</u> |
| (AT) ACID OR TOXIC MATERIALS----- <u>N</u> | (OD) OFF-SITE DAMAGE----- <u>N</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 Division of Reclamation, Mining and Safety's (Division) normal monitoring program. Joseph Cogan, representing the Operator, was present during this inspection. Photographs are included with this report in order to illustrate some of the conditions observed.

The Arnold Gulch site is located approximately six miles southeast of Buena Vista and accessed from CR 300. The site is a 110c operation that includes a total of 9.9 permitted acres. The Division currently holds a financial warranty amount of \$17,500 for this site. The Division has reviewed the reclamation costs, in order to ensure the financial warranty reflects the actual current cost of fulfilling the requirements of the Reclamation Plan, and determined that the current financial warranty amount is adequate.

Adequate mine identification signage was noted at the entrance to the site.

The affected area was marked by t-posts that were clearly visible and adequate to delineate the affected area boundary.

This is an active operation, with various operators hauling sand from the pit. Two backhoes were stored on site. No fuel is stored on site. The pit follows a west flowing drainage and currently spans approximately 1,650 lineal feet, with an average width of approximately 175'. The pit presently covers approximately 6.6 acres. The depth of the pit is approximately 15-20 feet, with most of the highwalls sloughed to 1H:1V slopes. Final slopes will need to be reduced to 2H:1V. There are no stockpiles stored on site. The sand is loaded directly from the highwall to trucks. There is no salvageable topsoil at the site, and therefore no topsoil stockpiles.

During the inspection the operator presented the idea of making a minor change to the pit configuration, in which they will mine no further beyond the existing west highwall, but will slightly widen the current pit at the west end in order to end up with an "arena" type configuration. The operator was instructed to present the modification through a Technical Revision to the permit.

There were no concerns regarding erosion noted.

Noxious weed infestations were not observed.

No problems or violations were noted during this inspection.

Responses to this inspection report should be directed to Dustin Czapla at the Division of Reclamation, Mining and Safety, Grand Junction Field Office, 101 South 3rd Street, Room 301, Grand Junction, Colorado 81501, phone number (970) 243-6299.

Inspection Contact Address

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