




**COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY**  
**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.

<b>MINE NAME:</b> Arnold Gulch	<b>MINE/PROSPECTING ID#:</b> M-1998-091	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Chaffee
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Dustin M. Czapla	<b>INSP. DATE:</b> November 4, 2015	<b>INSP. TIME:</b> 09:00
<b>OPERATOR:</b> Joseph L and Arlene Cogan dba B.B.L. COGAN, L.L.C.	<b>OPERATOR REPRESENTATIVE:</b> Joseph Cogan	<b>TYPE OF OPERATION:</b> 110c - Construction Limited Impact	

<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$12,000.00
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None
<b>WEATHER:</b> Cloudy	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> November 17, 2015

**The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.**

**INSPECTION TOPIC:** Financial Warranty

**PROBLEM/POSSIBLE VIOLATION:** Problem: The financial warranty is not adequate to reclaim the site in accordance with the approved reclamation plan. This is a failure to maintain the proper financial warranty amount to complete reclamation of the affected lands pursuant to C.R.S. 34-32.5-117(4)(b) of the Act.

**CORRECTIVE ACTIONS:** The operator shall submit adequate financial warranty, as determined by the Division. The Division will be sending a separate surety increase notice to the operator regarding the increase of the financial warranty. The operator will have 60 days from the date on the surety increase notice to post the additional financial warranty.

**CORRECTIVE ACTION DUE DATE:** January 18, 2016

## **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 Pit 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. It is estimated that approximately six acres are currently disturbed by the mining operation.

The Division currently holds a financial warranty amount of \$12,000.00 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 inadequate. This has been noted as a problem on page one of this report. The Operator will be notified under separate cover of a financial warranty increase.

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. Mining thus far appears to have been contained within the approved permit area.

The operation is active, though no equipment or fuels are stored on site. Contractors provide their own loading equipment when purchasing sand from the site. The pit is advancing to the southwest. The depth of the pit is approximately twenty feet. The highwalls have sloughed to an approximate 1H:1V slope. Reclamation of the mined areas has not commenced. There are no stockpiles stored on site. There is no topsoil to be salvaged, and therefore no topsoil stockpiles. Vegetation on the upland areas above the pit consists primarily of Blue grama and rabbit brush.

Concerns regarding erosion or stability were not noted.

Noxious weed infestations were not observed.

No other 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 3<sup>rd</sup> Street, Room 301, Grand Junction, Colorado 81501, phone number (970) 243-6299.

## PHOTOGRAPHS



Figure 1: Mine site entrance



Figure 2: View towards the east end of the pit



Figure 3: View towards the west end of the pit

## **GENERAL INSPECTION TOPICS**

The following list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>PB</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>N</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>NA</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SW) STORM WATER MGT PLAN---- <u>NA</u>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	(ST) STIPULATIONS----- <u>NA</u>

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

### **Inspection Contact Address**

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