




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.

MINE NAME: Bachus Pit	MINE/PROSPECTING ID#: M-1995-034	MINERAL: Borrow material for and sand	COUNTY: Alamosa
INSPECTION TYPE: Monitoring	INSPECTOR(S): Stephanie J. Mitchell	INSP. DATE: November 18, 2015	INSP. TIME: 08:00
OPERATOR: Daniel M Russell	OPERATOR REPRESENTATIVE: Dan Russell	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$24,002.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: February 1, 2016

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: Hydrologic Balance

PROBLEM/POSSIBLE VIOLATION: Problem: The site is improperly impounding surface drainage/runoff.

CORRECTIVE ACTIONS: Submit documentation from the State Engineer's Office demonstrating that the impoundment of water in this pit is authorized by that office. Operator could also remove impediments to proper surface drainage. Backfilling of impoundment is acceptable.

CORRECTIVE ACTION DUE DATE: 4/01/16

OBSERVATIONS

This was a normal monitoring inspection of the Bachus Pit; DRMS file No. M-1995-034 operated by Daniel M. Russell. This is a 60.61 acre 112c mining operation located approximately 1/2 mile southwest of Alamosa, Colorado in Alamosa County. I, Stephanie Mitchell of the Colorado Division of Reclamation, Mining and Safety (Division) conducted the inspection. Dan Russell accompanied me on the inspection.

The Mine Identification sign was located at the entrance to the mine site. All activity is within the permit boundaries.

The current disturbance is located in the eastern portion of the permit area and is approximately 20 acres in size, and moving to the west. The excavation is about 20 feet deep with a vertical highwall. The highwall appears to be in the eastern part of the permit area. The western part of the site is frequented by Adams State College geology students for Lake Alamosa sediment deposit observations. Topsoil is not required to be stripped and salvaged. No erosion or sedimentation issues were observed.

There was some water present on the north side of the permit area. The retained water has a foot print of 10'x10'. This retained water (pond) needs to be backfilled and is noted as a problem at the beginning of this inspection report. Please submit photo documentation to the Division of the pond backfilled.

There was no equipment or fuel on site.

All other activities and completed work at the time of inspection appeared to follow the guidelines and regulations set forth by the state and in the mining and reclamation plans for the pit.

Responses to this inspection report should be directed to Stephanie Mitchell 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) 242-5025.

PHOTOGRAPHS



Mine ID sign



Looking NW



Pond 10'x10'



Highwall



Looking East

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>Y</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>PB</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</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>	(SW) 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----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	(ST) STIPULATIONS----- <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

Inspection Contact Address

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