




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: Mountain Shadows Pit	MINE/PROSPECTING ID#: M-1979-158	MINERAL: Sand and gravel	COUNTY: Pueblo
INSPECTION TYPE: Monitoring	INSPECTOR(S): Tyler V. O'Donnell	INSP. DATE: May 13, 2016	INSP. TIME: 11:30
OPERATOR: Colorado City Metropolitan District	OPERATOR REPRESENTATIVE: Greg Bailey	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$95,900.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: August 22, 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>N</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>N</u>	(SF) PROCESSING FACILITIES----- <u>N</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----- <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

OBSERVATIONS

This normal routine monitoring inspection was conducted by Tyler O'Donnell of the Division of Reclamation, Mining and Safety (Division). Colorado City Metropolitan District (Operator), was represented by Greg Bailey.

The Mountain Shadows Pit is located in Pueblo County approximately 2 miles southeast of Rye, Colorado. The Mountain Shadows Pit is a Construction Materials Reclamation Permit. The primary commodity mined at the site is sand and gravel, for road base. The 110c Construction Materials Reclamation Permit was issued in December 1979, and converted to an 112c permit in July 2000. The approved post-mining land use is rangeland. The mine site was surrounded by the following land uses: rangeland, and rural residential.

No problems or possible violations were observed during the inspection. During the inspection, the sky was clear and the ground was mostly dry, some stormwater was captured in the lowest portions of the pit. The site appears to see relatively frequent use. At the present time it appears that the mining operation has affected approximately 34 acres throughout the life of mine. All mining activity appeared to be within the approved affected land boundary. There appeared to be no significant impacts to the prevailing hydrologic balance. It appears that all storm water would be captured within the pit. There were several stockpiles of product scattered around the pit floor. The internal pit haul roads and the access road appeared to be stable and well maintained. It appears that the mining operation was progressing to the west/southwest. The Operator has been conducting partial concurrent reclamation. The large majority of the pit slopes have been rough graded to 3H:1V or flatter. The southeastern portions of the pit almost daylight. There was no evidence of excessive erosion. A few common mullein were observed throughout the site. Due to the limited number of mullein observed, the Division will not cite a problem for failure to control noxious weeds. However, the Operator is encouraged to continue to monitor and treat noxious weeds as they appear in the permit boundary. If the population of mullein increases the Division may cite a problem during a future inspection. A mine I.D. sign was located at the entrance to the mine site. The permit boundary was marked by t-posts and a barbed wire fence in a few area. The reclamation cost estimate for this site was updated during the file review for this inspection. It was determined that the current required financial warranty amount is adequate.

CONCLUSION

It appears that the Operator has finished mining in portions of the pit. The pit slopes have been rough graded to 3H:1V or flatter, the Operator will need to begin final reclamation of all areas that will not be reaffected by the mining operation. Remaining Reclamation liability observed during the inspection includes but is not limited to spreading topsoil, seeding the site with the approved seed mix, weed control and site maintenance.

Inspection Contact Address

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PHOTOGRAPHS



