




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: Sand Arroyo	MINE/PROSPECTING ID#: M-1978-283	MINERAL: Sand and gravel	COUNTY: Huerfano
INSPECTION TYPE: Preoperation Inspection	INSPECTOR(S): Patrick Lennberg	INSP. DATE: December 12, 2019	INSP. TIME: 09:00
OPERATOR: The Walsenburg Sand and Gravel Company	OPERATOR REPRESENTATIVE: Larry Martinez	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Preoperation Inspection	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$19,000.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Windy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: December 17, 2019	

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>N</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

The Sand Arroyo Pit was inspected by Patrick Lennberg with the Division of Reclamation, Mining and Safety (Division/DRMS). The inspection was completed as part of the Division's pre-operation inspection related to the pending amendment (AM-01). The site was last inspected on March 28, 2019 as part of routine monitoring program. Larry Martinez who operated the Sand Arroyo Pit was present during the inspection. The weather was windy, and the sky was cloudy.

The Sand Arroyo Pit is located approximately 6 miles west of Walsenburg, Colorado. The Sand Arroyo Pit is a 112 permit for the removal of sand and gravel from an arroyo that is periodically recharged through runoff. Currently, the approved permit area is 52 acres with maximum allowed disturbance of 25 acres. The amendment proposes increasing the permit acreage to 67.65 acres incorporating the existing adjacent 111 permit in the permit boundary and squaring off the current irregular permit boundary. The approved post mining land use is rangeland. A mine and permit notice sign were observed at the mine entrance.

All the excavation of sand material occurs within the dry arroyo. Current disturbance appears to be approximately 25 acres. The representative stated that mining has not occurred recently at the site because there has not been a runoff event large enough to replenish with suitable material. He stated that in order to get suitable material they had to expose groundwater and were not interested in exposing groundwater. All structures observed during the inspection were accurately depicted on the maps within the permit application.

No other issues were noted during the inspection and no objections have been received by DRMS during the public comment period that ended on December 4, 2019.

The Division evaluated the bond for AM-01 and determined that the proposed amount of \$34,500 is sufficient.

Photographs taken during the inspection are attached.

Please contact Patrick Lennberg (303)866-3567 ext. 8114 or email at patrick.lennberg@state.co.us if you have any questions regarding this report.

Inspection Contact Address

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The Walsenburg Sand and Gravel Company
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Walsenburg, CO 81089

cc: Jared Ebert, DRMS
Steve O'Brian, Environmental Inc.

PHOTOGRAPHS



Photo 1: Posted notice sign at mine entrance



Photo 2: Mine sign for the 111 permit



Photo 3: Mine sign for the 112 permit



Photo 4: Typical mine permit boundary marker



Photo 5: Affected area associated with the 111 permit area



Photo 6: Affected area belonging to the batch plant



Photo 7: Sand processing plant



Photo 8: Conveyance ditch for the water used during processing



Photo 9: Settling area for water infiltration



Photo 10: Typical stream channel to be mined once replenished