




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: Nicholson Gravel Pit	MINE/PROSPECTING ID#: M-1986-048	MINERAL: Sand and gravel	COUNTY: Morgan
INSPECTION TYPE: Monitoring	INSPECTOR(S): Brock F. Bowles	INSP. DATE: July 30, 2019	INSP. TIME: 11:30
OPERATOR: R & J Yetter Sand & Gravel LLC	OPERATOR REPRESENTATIVE: Jewelie and Russ Yetter	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$43,357.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: August 5, 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>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>Y</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>N</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 inspection was conducted by Brock Bowles of the Division of Reclamation, Mining and Safety (Division). Jewelie and Russ Yetter of R&J Yetter Sand and Gravel (Operator) were present for the inspection. The Nicholson Gravel Pit is located approximately 3 miles northwest of Messex, Colorado. The site is an active 112c operation with 49.9 acres permitted and the post-mining land use is rangeland. This inspection was carried out as a part of the Division's routine monitoring inspection program. At the time of the inspection it was warm, clear and the ground was dry.

The permit identification sign was in place at the mine entrance and legible. The permit boundary markers were in place and had white PVC pipe over them making them easy to spot.

The topsoil stockpile was on the west side of the permit area, was well vegetated and appeared to be stable. Topsoil was salvaged from in front of the pit. Some topsoil is piled into a small berm in front of the pit. The operator explained that the berm is used as topsoil storage and to prevent the landowner from accidentally driving off the highwall as the area around the pit is actively used for grazing.

Mining activities were being conducted in the pit area in the center of the permitted area. About 15 acres have been disturbed which is consistent with the Annual Report. The highwall was about 30 feet high and the approved height is 30 feet. There were no mining activities occurring during the time of the inspection; however, there was a frontend loader in the pit and the pit had recent activity.

No noxious weeds were seen in the mining area.

The estimated cost of reclamation for the current disturbance is \$32,705. The current bond held by the Division is \$43,357 which is adequate to cover reclamation costs. Should the operator expand the disturbance area, the cost estimate will have to be re-evaluated.

PHOTOGRAPHS



Mine entrance sign



Topsoil berm in front of highwall

Inspection Contact Address

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