




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: Union Hill Gravel Pit	MINE/PROSPECTING ID#: M-2000-056	MINERAL: Gravel	COUNTY: Fremont
INSPECTION TYPE: Monitoring	INSPECTOR(S): Timothy Cazier, P.E.	INSP. DATE: March 30, 2021	INSP. TIME: 11:30
OPERATOR: Fremont County	OPERATOR REPRESENTATIVE: Sterling Rife	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$0.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: June 2, 2021	

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>NA</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>Y</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>N</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>NA</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	

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

OBSERVATIONS

This inspection was conducted as part of the regular monitoring program. The Permittee (Fremont County) was represented by Mr. Sterling Rife during the inspection. The west permit boundary of this site is shared with the east permit boundary of another Fremont County permitted pit (M-1979-216 / Dist No 2 Gravel Pit) which was inspected at the same time. A separate inspection report will be generated for the Dist No 2 Gravel Pit.

The Union Hill Gravel Pit site entrance is located approximately 0.5 miles north of Florence off Hwy 67. This is a 112c gravel mine. It was not operating at the time of the inspection.

Availability of Records: Annual fees are paid through September 2021. The previous inspection was on June 16, 2016. The approved post-mine land use is rangeland. There are no open infractions. Both the surface and minerals are owned by either Fremont County (west end of the site) or the City of Florence (east end of the site).

Excess Spoil and Dev. Waste: No overburden piles were observed.

Financial Warranty: As the site is permitted by the County, no bond is required.

Fish and Wildlife: No impact to wildlife was observed.

Hydrologic Balance: No standing water was observed in the pit and no exposed groundwater was observed.

Gen. Compliance with Mine Plan: The operation appeared to be in compliance with the approved mine plan. The maximum allowed disturbed area is 79.7 acres. Google Earth was used to measure the disturbed area, which was estimated to be approximately one acre, based on 2018 imagery. The extent of disturbance is limited to what appears to be an access road cut (see **Photos 1 and 2**).

Off-site Damage: The operation appeared to be confined to the permit boundary, based on Google Earth review and site observations.

Processing Waste: No processing waste was observed.

Roads: The sole purpose of the road cut appears to be for cattle access to adjacent areas.

Right of Entry: Fremont County owns the west end of the site and leases the east end from the City of Florence.

Reclamation Success: No reclamation has been initiated.

Revegetation: No noxious weeds were observed.

Sediment Control: No erosion problems were observed and no BMPs were needed at the time of the inspection.

Support Facilities On-site: None.

Signs and Markers: The permit sign was properly posted (see **Photo 3**). The access road cut is in the center of the west end of the pit. It does not extend anywhere near the permit boundary. It is unclear if any boundaries are marked other than that shared by the adjacent Dist No 2 Gravel Pit (M-1979-216).

Permit Stipulations: There are no permit stipulations.

Storm Water MGT Plan: No oil or fuel spills observed. Stormwater is controlled using check dams (see **Photo 1**).

Please contact Tim Cazier (303)866-3567 ext. 8169 or email at tim.cazier@state.co.us if you have any questions regarding this report.

PHOTOGRAPHS



Photo 1. West end of access road cut and typical rock check dam (looking east from west end).

PHOTOGRAPHS (cont.)



Photo 2. East end of access road cut (looking west from east end).



Photo 3. Permit sign (at west entrance).

Inspection Contact Address

Sterling Rife
Fremont County
1170 Red Canyon Road
Cañon City, CO 81212

ec: DRMS file