


**COLORADO**Division of Reclamation,
Mining and Safety

Department of Natural Resources

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.

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| MINE NAME: McKenzie Pit | MINE/PROSPECTING ID#: M-1980-224 | MINERAL: Sand and gravel | COUNTY: Fremont |
| INSPECTION TYPE: Monitoring | INSPECTOR(S): Timothy A. Cazier | INSP. DATE: August 28, 2019 | INSP. TIME: 13:25 |
| OPERATOR: Fremont Paving & Redi-Mix, Inc. | OPERATOR REPRESENTATIVE: John Young | TYPE OF OPERATION: 112c - Construction Regular Operation | |
| REASON FOR INSPECTION: Normal I&E Program | BOND CALCULATION TYPE: Partial Bond | BOND AMOUNT: \$10,460.00 | |
| DATE OF COMPLAINT: NA | POST INSP. CONTACTS: None | JOINT INSP. AGENCY: None | |
| WEATHER: Clear | INSPECTOR'S SIGNATURE:  | SIGNATURE DATE: February 14, 2020 | |

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.

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| (AR) RECORDS----- <u>Y</u> | (FN) FINANCIAL WARRANTY----- <u>Y</u> | (RD) ROADS----- <u>Y</u> |
| (HB) HYDROLOGIC BALANCE----- <u>Y</u> | (BG) BACKFILL & GRADING----- <u>N</u> | (EX) EXPLOSIVES----- <u>NA</u> |
| (PW) PROCESSING WASTE/TAILING---- <u>NA</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> | (SP) STORM WATER MGT PLAN---- <u>Y</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 and found in compliance / 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 Operator (Fremont Paving & Redi-Mix, Inc.) was represented by Mr. John Young who were present for the inspection. The McKenzie Pit site access road entrance is located off Hwy 115 at Santa Fe Drive approximately 2.5 miles southeast of Cañon City. This is a 112c gravel mine. The mine was not active at the time of the inspection.

Availability of Records: Annual fees are paid through October 2018. The previous inspection was on September 30, 2015. The approved post-mine land use is industrial. There are no open infractions. Both the surface and minerals are privately owned. The 2018 annual report states the last mining activity occurred on August 1, 2017. However, mine representatives indicated crushing and screening had occurred in the June/July 2019 time frame. As such temporary cessation is not indicated at this time. [Fremont Paving is reminded that if they are inactive for more than 180 consecutive days, they should request temporary cessation.](#)

Backfilling and Grading: Sufficient backfill material appeared to be available.

Financial Warranty: The \$10,460 bond (surety reduction SR-01 as a result of the DRMS' approval of TR-01 in 2015) approved held by the Division is adequate for the observed mine disturbance.

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. Google Earth was used to measure the disturbed area, which was estimated to be approximately 6.5 acres, based on 2016 imagery. During a post inspection discussion with Ms. Jodi Schreiber on October 7, 2019, she indicated she would supply a map supporting the 2-acre disturbance claimed on the 2018 annual report. The DRMS has not seen this map to date and consider the disturbed are to be 6.5 acres. Highwalls were benched and estimated to vary between 10 and 15 feet in height, appearing appeared stable (see **Photo 1**).

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

Roads: Haul and access roads did not appear to be a source of sediment that could be tracked offsite.

Reclamation Success: No reclamation has been initiated.

Revegetation: No noxious weeds were observed, nor has any revegetation been initiated.

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

Support Facilities On-site: All support facilities are in the adjacent industrial area, outside the permit boundary.

Signs and Markers: Permit signs were properly posted at the east entrance (see **Photo 2**) and the south entrance (see **Photo 3**) and boundary markers (PVC pipes and fences) were observed to delineate the permit boundary (see **Photo 4**).

Permit Stipulations: There are no permit stipulations.

Storm Water MGT Plan: No oil or fuel spills observed. Representatives stated the stormwater management plan is kept in site office.

Structures: Several fences and some satellite dishes were observed within 200 feet of the affected area boundary. Amendment 2 also states "A 50 foot setback will be maintained around the private residence located in the west central area of the site". **Fremont Paving is reminded to make sure they have current structure damage agreements with the owners of the residence, fences and satellite dishes.**

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. Benched highwall and boundary markers (looking south).

PHOTOGRAPHS (cont.)



Photo 2. Permit sign – east entrance.



Photo 3. Permit sign – south entrance.

PHOTOGRAPHS (cont.)



Photo 4. South permit boundary markers.

Inspection Contact Address

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ec: DRMS file
Jodi Schreiber, Fremont Paving & Redi-Mix