




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: McCumber Hill Pit	MINE/PROSPECTING ID#: M-2000-151	MINERAL: Sand and gravel	COUNTY: Fremont
INSPECTION TYPE: Monitoring	INSPECTOR(S): Timothy A. Cazier	INSP. DATE: March 20, 2019	INSP. TIME: 14:10
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: \$64,540.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: March 27, 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>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>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>NA</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</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 by Tim Cazier (DRMS) as part of the regular monitoring program. The Permittee (Fremont Paving) was represented by Mr. John Young during the inspection. The site entrance is located approximately two miles west of Florence, near the intersection of County Road 11A and Churchill Ave., in Fremont County. This is 112c sand and gravel mining operation. The site was not active at the time of the inspection.

Availability of Records: Annual fees are paid through April 2018. This site entered into Temporary Cessation (TC) on April 30, 2014. [This first five-year TC period ends on April 29, 2019. Pursuant to Rule 1.13, Fremont Paving has three options at this time: 1\) Petition the Mined Land Reclamation Board \(MLRB\) for an additional five years of TC at either the April or May 2019 MLRB meeting \(scheduled for April 24 – 25 and May 22 – 23, respectively\); 2\) Resume mining before April 29, 2019 and notify the DRMS of the resumption of mining activity; or 3\) Begin final reclamation and notify the DRMS of the intent to do so by April 29, 2019.](#)

The previous inspection was on November 19, 2014. No significant mining activity appears to have occurred since the last inspection in 2014. The approved post-mine land use is rangeland. There are no open infractions. Both the surface and minerals are privately owned.

Backfilling and Grading: Sufficient backfill (push down) material was available for internal highwalls. The external highwalls had been flattened to acceptable slope between the May 20, 2014 inspection and the November 11, 2014 inspection.

Financial Warranty: The \$64,540 bond 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. Mining has only occurred in Phase 1. Google Earth was used to measure the disturbed area, which was estimated to be approximately 10.3 acres, based on June 1, 2018 imagery. Highwalls were estimated to vary between 12 and 15 feet in height. Only the internal highwalls are near vertical (see **Photo 1**). The external (east side) highwalls have been flattened and appeared stable (see **Photo 2**).

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

Processing Waste: A large stockpile of crusher fines (see **Photo 3**) was observed to the west of the pit and north of the access road running along the fence.

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

Reclamation Success: The only reclamation is that started on the east slopes (see **Photo 4**) as a result of the corrective action required by the DRMS in 2014 due to the unstable slopes observed at that time. Mr. Young pointed out the house west of the pit had been demolished.

Revegetation: No noxious weeds were observed. However, some dormant shrubs possibly identified as tamarisk or willows were observed on the south end of the pit floor. These should be monitored over the next month to ensure they are not tamarisk. If they are tamarisk, the weed control plan approved in TR-01 should be implemented.

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

Support Facilities On-site: No processing facilities were observed on site.

Signs and Markers: The permit sign was properly posted (see **Photo 5**) and boundary markers were observed to delineate the permit boundary (see **Photo 6**).

Permit Stipulations: There are no permit stipulations.

Storm Water MGT Plan: No oil or fuel spills observed. Stormwater drains to the pit and infiltrates.

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. Internal highwalls near vertical (looking SW from north end of pit floor).

PHOTOGRAPHS (cont.)



Photo 2. External/east side (Phase 1) highwalls flattened and appeared stable.



Photo 3. Crusher fines stockpile (SW of pit, looking ESE).

PHOTOGRAPHS (cont.)



Photo 4. Reclamation of east slopes (looking NE from access road south of pit).



Photo 5. Permit sign at entrance.

PHOTOGRAPHS (cont.)



Photo 6. Fenced and marked boundary on east side (looking east).

Inspection Contact Address

John Paul Ary
Fremont Paving & Redi-Mix, Inc.
P.O. Box 841
Cañon City, CO 81215

ec: DRMS file
Jodi Ricker, Fremont Paving