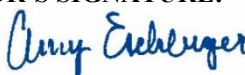




MINERALS PROGRAM INSPECTION REPORT
PHONE: (303) 866-3567

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: J-Rude Site	MINE/PROSPECTING ID#: M-1989-009	MINERAL: Sand and clay (general)	COUNTY: Prowers
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy Eschberger	INSP. DATE: September 12, 2019	INSP. TIME: 08:45
OPERATOR: J-Rude Inc	OPERATOR REPRESENTATIVE: Rudy Torres	TYPE OF OPERATION: 110c - Construction Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$800.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: October 2, 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>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>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>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

This was a normal monitoring inspection of the J-Rude Site (Permit No. M-1989-009) conducted by Amy Eschberger of the Division of Reclamation, Mining and Safety (Division). The operator was represented by Mr. Rudy Torres during the inspection. The site is located approximately ½ mile south of Lamar, CO in Prowers County. Access to this site is from the north off Co Rd Ff. The affected lands are owned by the operator. The site is situated in an area of sagebrush-covered sand hills. **Photos 1-6** taken during the inspection are included with this report.

This is a 110c operation permitted for 4 acres to mine blow sand and clay to be used for fill material off site. The permit area had consisted of two separate 4-acre blocks, one located in the northwestern corner of the property, and the other located in the southeastern corner of the property. However, the Division approved an Acreage Reduction request (AR-1) in 2015 which released the southeastern 4 acres, leaving only the northwestern 4 acres in the permit area (see enclosed Google Earth image of site). The operation is mining the sand hills, leveling them to approximately the same grade as the surrounding lands. The approved post-mining land use for the site is industrial/commercial. However, the reclamation plan does not specify how the site will be prepared for industrial/commercial use. The approved reclamation plan includes grading disturbed slopes to 3H:1V or flatter, mixing manure into the soil to create a growth medium, and revegetating the site with a grass seed mixture consisting of Sideoats grama, Switchgrass, and Sand bluestem.

At the time of the inspection, the weather was clear, warm, and dry. A permit sign was posted at each of the two entrances to the site off Co Rd Ff. The corners of the remaining 4-acre permit boundary were marked with PVC pipes. The site was not active during the inspection. However, according to the operator, the site is used every year in accordance with its intermittent status. The most recent extraction activities occurred near the center of the permit area. The Division estimates this disturbance area to be approximately 0.2 acre in size. This area does not include any pit walls and is mostly bare in vegetative cover. The rest of the disturbed area has good vegetative cover consisting of native grasses, forbs, shrubs, and some annual weeds (e.g., wild sunflowers). The old horseshoe-shaped pit wall present in the eastern part of the permit area daylights mainly to the west and is approximately 8 feet in height. According to the operator, this pit wall was graded flatter after the Division's last inspection of the site in 2015, during which, its slopes were observed to be as steep as 1H:1V. It is difficult to determine the slope gradient of this pit wall now given its dense vegetative cover; however, the slopes appear to be at a stable configuration.

During the inspection, the operator inquired about expanding the permit area for this site. The Division informed the operator of two options, depending on how large of an acreage increase is needed. To maintain the 110c permit, the operator could submit an Amendment application (\$827.00 fee) to increase the permit area up to 9.9 acres. In this case, it would be an increase of 5.9 acres (from the current 4 acres). Alternatively, if the operator wishes to expand the permit area to 10 acres or more, the operator would need to submit a Conversion application (\$2,696.00 fee) to convert the 110c permit to a 112c permit. In this case, there would be no limits on the permitted acreage. The Division provided Mr. Torres with an Amendment application during the inspection, and a Conversion application is enclosed with this report. Both of these forms can also be downloaded from the Division's website at <https://mining.state.co.us>.

No problems were observed during the inspection. This concludes the report.

Any questions or comments regarding this inspection report should be forwarded to Amy Eschberger at the Colorado Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, via telephone at 303-866-3567, ext. 8129, or via email at amy.eschberger@state.co.us.

PHOTOGRAPHS



Photo 1. View looking north showing PVC pipe (circled) marking southeastern corner of 4-acre permit area.



Photo 2. View looking north across reclaimed pit located in eastern half of permit area.



Photo 3. View looking north across recent disturbance near center of permit area. Note this area is mostly bare in vegetative cover and includes no pit walls.



Photo 4. Closer view of recent disturbance near center of permit area shown in Photo 3 (looking north).



Photo 5. View looking south from Co Rd Ff across western half of 4-acre permit area.



Photo 6. View looking south from Co Rd Ff across eastern half of 4-acre permit area with old horseshoe-shaped pit wall now graded to a stable configuration and well vegetated.

Inspection Contact Address

Rudy Torres
J-Rude Inc
1750 Rd. HH
Lamar, CO 81052

Encl: Google Earth image of site
Conversion application

CC: Michael Cunningham, DRMS

M-1989-009 / J-Rude Site / J-Rude Inc (110c)

Red Outline = 4.0 acres = Approved Permit Area (location approximated based on permit maps)
(Image data from 6/12/2017)

Co Rd Ff

