




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: Morgan Pit	MINE/PROSPECTING ID#: M-2006-077	MINERAL: Sand and gravel	COUNTY: Huerfano
INSPECTION TYPE: Monitoring	INSPECTOR(S): Patrick Lennberg	INSP. DATE: June 7, 2019	INSP. TIME: 11:30
OPERATOR: Paul Morgan Excavating, Inc.	OPERATOR REPRESENTATIVE: Paul Morgan	TYPE OF OPERATION: 110c - Construction Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$8,844.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: June 13, 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>N</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>N</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>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

The Morgan Pit was inspected by Patrick Lennberg with the Division of Reclamation, Mining and Safety (Division/DRMS). The inspection was completed as part of the Division's routine monitoring inspection program. The site was last inspected on January 15, 2016 as part of a routine monitoring inspection. Paul Morgan, Operator, was present during the inspection. The weather was warm and the sky was clear.

The Morgan Pit is located approximately 1 mile southwest of La Veta, Colorado. The Morgan Pit is a 110 permit for the removal of sand and gravel. The approved permit area is 9.9 acres and the approved post-mining land use is industrial/commercial. The mine site was surrounded by the following land uses: rural residential, agriculture, and rangeland. A mine sign was observed as required by Rule 3.1.12.

Active mining was not taking place at the time of the inspection but it was recently active. During the inspection the Operator mentioned that the quality of material was decreasing as the pit advanced south. A thick layer of silty material appears to be increasing in thickness. The Operator is currently faced with a choice, continue mining to the south in hopes that the silty material decreases or change the direction of mining from the south and move east. If the Operator elects to mine east it will require either converting the current 110 permit to a 112 permit or releasing unmined portions of the current permit and amending the permit with acreage to the east, all land to the east of the current permit boundary is owned by the Operator.

The current pit is approximately 3 acres in size, while the total disturbed area is roughly 4 acres. The northern side of the pit has been graded to a 3H:1V with some volunteer vegetation growing on the slopes. The west side of the pit has been mined to the property boundary in an effort to maximize minable material. The Operator is in the process of reclaiming this side to a 3H:1V slope using overburden material. There is a topsoil stockpile that is along the west side that will be spread once the reclaimed slope has been established. On the east side of the pit there is a highwall in the location of where potential mining may take place. The current mining face along the south wall has near vertical highwalls along with slopes that range from 2H:1V to 3H:1V. All pit walls appeared stable and no signs of erosion were seen. The pit ranges in depth from 10 to 20 feet deep. No groundwater was observed during the inspection and any stormwater that collected in the pit quickly infiltrated.

The Division was able to GPS all permit boundary markers. All current mining is within the permit boundaries.

The Division evaluated the financial warranty and determined the current bond amount held by the Division is adequate at this time.

Photographs taken during the inspection are attached.

Please contact Patrick Lennberg (303)866-3567 ext. 8114 or email at patrick.lennberg@state.co.us if you have any questions regarding this report.

Inspection Contact Address

Paul Morgan
Paul Morgan Excavating, Inc.
256 N Merrill Drive
Pueblo West, CO 81007

CC: Michael Cunningham, DRMS

PHOTOGRAPHS



Photo 1: Mine sign located at entrance



Photo 2: Typical boundary marker



Photo 3: Looking at the south pit wall



Photo 4: Looking at the west pit wall, arrow marks material being placed to reclaim highwall, topsoil pile center of picture with vegetative cover



Photo 5: Looking west along the northern permit boundary



Photo 6: Looking east at the highwall of material that the Operator may opt to chase



Photo 7: Stockpiled material to be used in reclaiming west wall of pit



Photo 8: Stockpiled topsoil behind smaller stockpile of fines to be used in reclamation



Photo 9: Mine entrance with scale house, looking south



Photo 10: Additional acre of disturbance with processing equipment

