




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: MMM Partnership Gravel Pit	MINE/PROSPECTING ID#: M-2006-042	MINERAL: Sand, gravel & borrow material	COUNTY: Logan
INSPECTION TYPE: Preoperation Inspection	WEATHER: Clear, cool	INSP. DATE: November 30, 2023	INSP. TIME: 10:00
OPERATOR: MMM Partnership, LLP.	OPERATOR REPRESENTATIVE: Mark Kokes	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Pre-Operation Inspection for AM1	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$67,200.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Nikie Gagnon	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: December 4, 2023	

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>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>N</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>N</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>N</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

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

OBSERVATIONS

This was a pre-operation inspection conducted at the MMM Partnership Gravel Pit in response to an amendment application (AM1) submitted to the Division. Nikie Gagnon with the Colorado Division of Reclamation, Mining and Safety (Division) conducted the inspection. Mark Kokes, the Operator and landowner, accompanied the Division during the inspection. The weather was clear and cool and the site was dry.

The amendment application (AM1) was received on September 8, 2023 and deemed complete on September 22, 2023. The end of the comment period was November 7, 2023. No public comments were received for this revision application. The decision date is set for December 21, 2023. The current site conditions were compared to the conditions presented in the application and, in the context of the mining and reclamation plan in the application, the site was inspected for any potential issues.

Mining Plan

The existing open pit mine was 27.8 acres, of which, 13.6 acres were fully reclaimed and released in September 2023. The remaining permit area is 14.2 acres. According to the Operator, mining is mostly complete and the pit will undergo reclamation as soon as the extracted material and stockpiles are removed. During this inspection, the Division observed a newly topsoiled area in the northwest corner, approximately 1 acre in size. The Division estimates that 7.5 acres require topsoiling and 8.5 acres require seeding to complete reclamation. Topsoil was observed in berms above and below the pit and manure is stored in a berm along the southern boundary of the disturbance area.

AM1 proposes a 32.4 acre mine expansion, south of the existing mining disturbance. During this inspection, the Division observed the expansion area, a flat grassy basin below a 1500' long gently sloped ridge that runs from the northwest corner to the southeast. According to the Operator, mining will be conducted to level out the top of ridge leaving a flatter area with gentle slopes flowing north and east across the parcel. The Operator proposes to mine the expansion area in three 8-acre phases. Topsoil and overburden will be stripped and stored adjacent to each phase. Once mining is complete in an area of 8 acres, the land will be recontoured, graded, and stockpiled topsoil will be reapplied. Mining will begin in the southeast corner of the expansion area and move northwest.

Vegetation

The current land use is pastureland. Observations during this inspection are consistent with the revision application. The site is dominated by native short and mid prairie grasses, sage, and forbs covering the area. The proposed post mining land use is pastureland.

Hydrology

McCracken Draw, an ephemeral drainage, runs from the northwest to southeast across the parcel, between the existing pit and the AM1 expansion area. This ephemeral drainage is outside the existing and proposed expansion boundary. The creek was dry during this inspection and the Operator indicated the creek is typically dry. The mine plan states straw bales or earthen berms will be placed along the boundary of the expansion area to allow stormwater to infiltrate into the ground and prevent erosion off site into the drainage.

Groundwater is not expected to be encountered during mining since the pit floor will not be excavated deeper than the existing elevation.

Signs and Markers:

A notice sign required by 1.6.2(1)(b) was posted at the entrance to the site. The amendment area was surveyed, and GPS points were submitted with the application. Boundary markers are installed at the survey points around the perimeter of the expansion area.

Structures

There are no structures within 200 feet of the existing or proposed expansion permit areas.

Financial Warranty

The Division currently holds a financial warranty in the amount of \$67,200.00. The Division calculated the financial warranty to complete reclamation of the existing permit area and the proposed expansion area and determined a surety of \$93,875.00 is required. This is an increase of \$26,675.00. The cost estimate was sent to the operator under separate cover for review. The Operator will have 60 days to post the new bond once the amendment (AM1) is issued.

This concludes the report. A subset of the photographs taken during inspection are attached. Please contact Nikie Gagnon (303)866-3567 ext. 8126 or email at nikie.gagnon@state.co.us if you have any questions regarding this report.

PHOTOGRAPHS



Photo 1: View looking southeast across the expansion area.



Photo 2: View looking south across the expansion area.



Photo 3: View looking southwest across the expansion area.



Photo 4: View looking northwest at expansion area.



Photo 5: Looking southeast at McCracken Draw that runs between the existing and proposed permit areas.



Photo 6: Recently topsoiled area in the northwest corner of the existing permit area.



Photo 7: Looking east across the pit floor in the existing permit area.



Photo 8: Looking northeast from the pit floor at revegetated slopes in the existing permit area.



Photo 9: Notice sign posted at the entrance to the site is visible from the county road.

Inspection Contact Address

Mark Kokes
MMM Partnership, LLP.
36366 Cty Rd. 79
Crook, CO 80726

CC: Amy Eschberger