




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: 20 Road Gravel Pit	MINE/PROSPECTING ID#: M-2005-061	MINERAL: Sand and gravel	COUNTY: Mesa
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: February 13, 2024	INSP. TIME: 11:30
OPERATOR: M.A. Concrete Construction, Inc.	OPERATOR REPRESENTATIVE: Any Azacarraga	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$120,584.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: DRMS	JOINT INSP. AGENCY: None	
INSPECTOR(S): Amy Yeldell	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: February 27, 2024	

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>N</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>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>NA</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>NA</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>Y</u>	(OD) OFF-SITE DAMAGE----- <u>NA</u>	

Y = Inspected / 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 Colorado Division of Reclamation, Mining and Safety's (Division) normal monitoring program. The 20 Road Gravel Pit is a 112c permitted site that consists of 26.99 acres. The site is located in Mesa County off of River Road between Loam and Grand Junction, Colorado. Amy Yeldell of the Division conducted the inspection. Andy Azacarraga represented M.A. Concrete Construction, Inc. the Operator.

Availability Of Records:

Previous inspection report cited hydrology as a problem regarding the uninstalled ground water monitoring wells. No wells were observed however this aspect is still apart of the problem. Please provide the Division with documentation as to why the wells are not necessary and revise the permit accordingly.

Acid And Toxic Materials:

One fuel tank for equipment is located on the south side of the permit adjacent to the open pit. Two other smaller fuel tanks are located on the south side of the pit to feed the dewatering pumps. All fuel and other hazardous materials are stored within an earthen secondary containment (Photos One – Three).

Backfilling and Grading:

(Photos Four – Seven) The pit has approximately 10-15 feet of overburden and gravel is up to 25 feet for maximum total excavated pit depth of 40 feet. Stripped overburden is being directly replaced on the far eastern side. Where mining is advancing slopes are near vertical. Previously mined slopes (east) that have been partially backfilled and are graded to a 1.5H: 1V. All slopes are cut/fill.

There is a visual berm surrounding the active 20-acre eastern side of the pit.

Explosives:

Explosives are not used in conjunction with this mining operation.

Financial Warranty:

The Division currently requires a financial warranty amount of \$120,584.00 for this site. The bond was initially calculated with the permit application and no increases have occurred to date. In an effort to ensure the Financial Warranty adequately reflects the actual current cost of fulfilling the requirements of the approved reclamation plan the Division will be updating the reclamation cost estimate. If the current bond is found to be insufficient the Division will send a Notice of Surety Increase under a separate cover.

Hydrologic Balance:

The excavated pit is currently being dewatered for mining and is estimated to be 7 acres. Water is being pumped into a ditch along the south of the permit which runs to the east into a ditch which reports to the Colorado River (Photo Eight).

Gen. Compliance With Mine Plan:

Significant mining progress has occurred since the previous inspection. Previously the excavated pit was only the far southeast corner and estimated to be 3 acres. Now the pit encompasses nearly the entire eastern side of the permit and is progressing towards the west. Total disturbance to date is estimated to be approximately 20 acres. The area to the west of the pit entrance is undisturbed (approx. 6.9 ac).

The site was active at the time of the inspection (Photo Nine). Previously excavated material was being loaded

into haul trucks and transported off site. No other mining support equipment was located on site at this time. Several stockpiles of excavated material are neatly stored on the western side of the affected lands (Photo Ten).

Processing Waste:

Material is not processed on site currently. Gravel is excavated and transported via truck to the Monument Gravel Pit (M-2000-032) for crushing.

Reclamation Success:

No areas were evaluated for reclamation success at this time.

Revegetation:

No revegetation has occurred to date.

Sediment Control:

Stormwater and sedimentation appear to be effectively controlled. No excess erosion or sedimentation was observed.

Support Facilities On-site:

A scale and scale house are located near the pit entrance (Photo Eleven). No other permanent structures exist.

Signs and Markers:

A mine sign was posted at the entrance to the mine site as required by Rule 3.1.12(1). The information depicted was correct/ up to date and the sign was of sufficient size (Photo Twelve). The permit boundary of the affected land was clearly delineated primarily by a fence pursuant to Rule 3.1.12(2).

No problems or violations were noted during this inspection.

Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, Rm 215, 1001 E 62nd Ave, Denver Co 80216. Direct contact can be made by phone at 303-866-3567 Ext 8183 or via email at amy.yeldell@state.co.us

Inspection Contact Address

Any Azacarraga
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Enclosure

CC:

Travis Marshall, Senior EPS, Grand Junction DRMS

PHOTOGRAPHS





Photo 3: Primary fuel tank for equipment.



Photo 4: Overview of excavated pit





Photo 7: Excavated pit overview.



Photo 8: Dewatering pit discharge



Photo 9: Actively loading stockpiles to haul off site.



Photo 10: Excavated stockpiles on western side of disturbed area



Photo 11: Scale and scale house



Photo 12: Mine sign