




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.

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| MINE NAME: Orchard Grove Industrial Pit | MINE/PROSPECTING ID#: M-1990-094 | MINERAL: Gravel | COUNTY: Mesa |
| INSPECTION TYPE: Monitoring | INSPECTOR(S): Amy Yeldell | INSP. DATE: December 17, 2020 | INSP. TIME: 09:50 |
| OPERATOR: Kilgore Companies LLC dba Elam Construction | OPERATOR REPRESENTATIVE: Jim Doody | TYPE OF OPERATION: 112c - Construction Regular Operation | |
| REASON FOR INSPECTION: Normal I&E Program | BOND CALCULATION TYPE: None | BOND AMOUNT: \$362,519.00 | |
| DATE OF COMPLAINT: NA | POST INSP. CONTACTS: DRMS | JOINT INSP. AGENCY: None | |
| WEATHER: Clear | INSPECTOR'S SIGNATURE:  | SIGNATURE DATE: December 30, 2020 | |

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.

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| (AR) RECORDS----- <u>Y</u> | (FN) FINANCIAL WARRANTY----- <u>N</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>NA</u> | (SF) PROCESSING FACILITIES----- <u>Y</u> | (TS) TOPSOIL----- <u>N</u> |
| (MP) GENL MINE PLAN COMPLIANCE- <u>Y</u> | (FW) FISH & WILDLIFE----- <u>Y</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>Y</u> |
| (ES) OVERBURDEN/DEV. WASTE----- <u>Y</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>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 (Division) normal monitoring program. The Orchard Grove Industrial Pit is a 112c permitted site that includes a total of 34 permitted acres. The site is located one mile west of Grand Junction and is accessed from River Road. Jim Doody of Grand Junction Concrete Pipe Co. represented the operator and accompanied Amy Yeldell of the Division on the inspection.

A mine identification sign was observed. The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12.

The pit was active at the time of the inspection. The operator has made significant changes since the last inspection. The pit is now completely mined out. Operations on site include processing remaining stockpiled material. Once on site processing has concluded the plant will be moved over to 23.25 West Pit (M-2020-035).

The main focus of this operation is importing backfill material and placement. A significant volume of material will need to be imported to backfill the entire pit to two feet above the water table. The neighboring 23.25 West Pit has recently been approved and mining has commenced in 'Area 2' which is directly north and adjoins the Orchard Grove Industrial Pit. Material was observed being stripped from 23.25 West Pit and being hauled to Orchard Grove Industrial Pit and used as backfill. As a reminder 23.25 West Pit, Area 2, post-mining land use is rangeland so sufficient backfill will also be necessary. Furthermore no dewatering of the 23.25 West Pit shall enter the Orchard Grove Industrial Pit without documentation of approval from CDPHE.

All rubble/imported inert material along the north side of the permit has been cleared. A few small piles remain, one of asphalt and a pile of cement that needs debris removed. The Division estimates that the operator is under the 10,000 CY maximum for on-site storage of unplaced imported backfill material. The west side of the pit remains inundated. The eastern side of the pit is dewatered with processing equipment in the bottom. The old Parkerson scale house remains on site but is not in use. All excess equipment and materials are stored neatly in the laydown yard on the southeast corner of the permit. Fuel is stored in mobile double walled tanks.

Moving towards final reclamation the Division would like to remind the Operator of changes made and approved under TR-2. Specifically while mining a maximum of a 6 ac pond will be present. Additionally, backfill volume in the amount of 30,000 CY of imported inert fill will be on site for pond backfill. Final reclamation will consist of no pond on site. 16 ac of graveled area and 18 ac to be revegetated for final reclamation. Topsoil will be applied at a minimum of 3 inches over the 18 acres to be revegetated. Currently 1500 CY is available on site, deficit will be imported (County only has compost not topsoil- alternative is 2" @ \$20 CY). Finally cottonwoods will be planted every 40 ft. along Redlands Pkwy (about 33 trees). With all Tamarisk and Russian Olive trees (noxious weeds) to be removed where necessary.

The Division currently holds a financial warranty amount of \$ 362,519 for this site. No problems or violations were cited during this inspection.

Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 303-866-3567 or via email at amy.yeldell@state.co.us

Inspection Contact Address

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CC:
Travis Marshall, Senior EPS, Grand Junction DRMS

PHOTOGRAPHS





Photo Two: Inundated western side of pit, processing remaining stockpiled material.



Photo Three: Inundated western side of pit, dewatering and backfill required.



Photo Four: Dewatered east side of pit with processing equipment in the bottom.



Photo Five: Dewatered east side of pit, backfill placement beginning.