




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: South Fruita Gravel Pit | MINE/PROSPECTING ID#: M-1981-243 | MINERAL: Sand and gravel | COUNTY: Mesa |
| INSPECTION TYPE: Monitoring | INSPECTOR(S): Amy C. Yeldell | INSP. DATE: March 20, 2018 | INSP. TIME: 13:30 |
| OPERATOR: Grand Junction Concrete Pipe Co. | OPERATOR REPRESENTATIVE: Jon Muller | TYPE OF OPERATION: 112c - Construction Regular Operation | |
| REASON FOR INSPECTION: Normal I&E Program | BOND CALCULATION TYPE: Complete Bond | BOND AMOUNT: \$181,476.67 | |
| DATE OF COMPLAINT: NA | POST INSP. CONTACTS: None | JOINT INSP. AGENCY: None | |
| WEATHER: Clear | INSPECTOR'S SIGNATURE:  | SIGNATURE DATE: March 29, 2018 | |

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>Y</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>Y</u> |
| (MP) GENL MINE PLAN COMPLIANCE- <u>Y</u> | (FW) FISH & WILDLIFE----- <u>Y</u> | (RV) REVEGETATION---- <u>Y</u> |
| (SM) SIGNS AND MARKERS----- <u>Y</u> | (SP) STORM WATER MGT PLAN---- <u>NA</u> | (RS) RECL PLAN/COMP-- <u>Y</u> |
| (ES) OVERBURDEN/DEV. WASTE----- <u>N</u> | (SC) EROSION/SEDIMENTATION--- <u>Y</u> | (ST) STIPULATIONS----- <u>Y</u> |
| (AT) ACID OR TOXIC MATERIALS----- <u>N</u> | (OD) OFF-SITE DAMAGE----- <u>NA</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 inspection was conducted as part of the Colorado Division of Reclamation, Mining and Safety (Division) normal monitoring program. The South Fruita Gravel Pit is a 112c permitted site that includes a total of 104 permitted acres. The site is located one mile south of Fruita, Colorado and is accessed from Maple Street. Jon Muller of Grand Junction Concrete Pipe Co. represented the operator and accompanied Amy Yeldell of the Division conducted the inspection.

The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12. A sign is attached to the gate at the permit entrance. The permit boundary is delineated by fences. The site was inactive at the time of the inspection.

The scale and scale house is located in the Arcuby portion of the pit. Fuel was observed in a secondary containment adjacent to the scale house. This area is also used to stockpile material. All stockpiles were stable. No processing equipment was on site.

The southern Arcuby pond (lower pond) is mostly reclaimed. All highwalls appear to be graded and seeded. Vegetation is dense around the pond. There are stockpiles on the southernmost bank adjacent to the river that need to be removed and associated seeding with this disturbance. The operator is encouraged to finish this reclamation task so that successful areas can be released from their reclamation liability.

The northwest Arcuby pond is approximately 15 acres in size with one small island. The northern portion of this parcel has also been mined but has been backfilled to allow for additional pastureland. Mining is progressing towards the south in this area with the stockpile yard and processing area is yet to be mined. Approximately 700 feet of highwall has been left near vertical. All other highwall slopes appear to be properly graded. The pit was inundated at the time of the inspections so staff cannot comment on slopes below the water level.

The northeast pit also known as the Karp Pit and was also inundated at the time of the inspection. The northeastern banks of the Karp Pit were graded and all other slopes remain near vertical. Staff estimates that approximately 2000 linear feet requires grading. Mining has the potential to move further north towards the permit boundary however at this time the landowner would like the land for pasture.

The Division currently requires a financial warranty amount of \$181,476.67 for this site. The bond was last recalculated with SI-4 in 2015. 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.

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, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@state.co.us

PHOTOGRAPHS











Karp Pit active highwall



Partially reclaimed pond slopes



Inspection Contact Address

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Enclosure

CC:
Russ Means, Senior EPS, Grand Junction DRMS