




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: Loesch Pit	MINE/PROSPECTING ID#: M-1981-068	MINERAL: Sand and gravel	COUNTY: Garfield
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy C. Yeldell	INSP. DATE: March 3, 2017	INSP. TIME: 10:00
OPERATOR: Grant Bros Construction Ltd	OPERATOR REPRESENTATIVE: Doug Grant	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$19,000.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: March 22, 2017	

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>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>N</u>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>NA</u>	(ST) STIPULATIONS----- <u>Y</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 normal monitoring program. The Loesch Pit is a 112c sand and gravel pit that consists of a total of 170.06 acres. It is located in Garfield County approximately five miles east of Rifle Colorado and is accessed from CR 346 just north of interstate 70. Doug Grant represented the operator and accompanied Amy Yeldell of the Division on the inspection.

The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12. The sign is located at the entrance to the permit boundary.

The site was inactive at the time of the inspection. However evidence of recent activity was evident. Two fuel tanks were located on site and stored within a secondary containment or double walled tank. There was a crusher and screen located on site as well as various pieces of heavy equipment.

This site practices concurrent reclamation. Areas to the north and west in phase 4 and 1 are mostly reclaimed. Active mining is occurring in the southern portions of phase 2. Phases 5, 6, 3 and the western half of phase 4 all remain undisturbed and are in active agricultural production.

A small portion (approx. 300 ft.) of the liner on the east side of phase 2 remains uncovered. Upon final reclamation this area shall be backfilled to a 4:1 slope then topsoiled. Additionally in phase 2 where actively mining approximately 1500 ft. of 1:1 highwall 20ft deep remains. On the south side where mining has completed an additional 500 ft. of graded highwall still requires topsoil. All slopes appear to be stable and free of visible erosion. Previously reclaimed slopes appear to be stable with promising looking vegetation. Some spot seeding in the future may be necessary depending on cover. Evidence of mowing was observed to manage noxious weeds.

From discussions with the operator only a portion of the pit floor will be a pond, approximately 30 acres. The southeast corner of the pit is too high to fill the entire pit with water without the northwest corner of the pit overflowing. If more than 30 acres in the northwest corner is to become ponds then additional berming and tiered ponding will be necessary. The current reclamation plan calls for one large pond. Upon final reclamation the operator may need to do a technical revision to ensure that site conditions match the approved reclamation plans.

The Division currently holds a financial warranty amount of \$19,000 for this site. The bond was last updated in 2006. 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. A copy of the staff calculations will be sent under 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













Inspection Contact Address

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Enclosure

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