

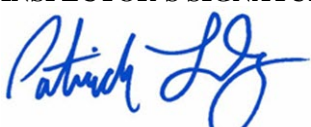


MINERALS PROGRAM INSPECTION REPORT

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: Clark Pit	MINE/PROSPECTING ID#: M-2007-084	MINERAL: Sand and gravel	COUNTY: Lincoln
INSPECTION TYPE: Monitoring	INSPECTOR(S): Patrick Lennberg	INSP. DATE: October 11, 2019	INSP. TIME: 09:45
OPERATOR: Lincoln County	OPERATOR REPRESENTATIVE: Fred Lundy	TYPE OF OPERATION: 110c - Construction Limited Impact	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$0.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: October 15, 2019

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

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

OBSERVATIONS

The Clark Pit was inspected by Patrick Lennberg with the Division of Reclamation, Mining and Safety (Division/DRMS). The inspection was completed as part of the Division's routine monitoring inspection program. The site was previously inspected by the Division on August 27, 2015 during a routine inspection. Fred Lundy with Lincoln County accompanied me during the inspection. The weather was warm, and the sky was clear.

The Clark Pit is located approximately 4 miles southeast of Karval, CO. Access to the site is off of Co Rd 31. The affected land is owned by Clinton A. Clark and Betty Clark and leased to Lincoln County through 2022. The pit is a 110c operation permitted for 9.83 acres for the removal of sand and gravel for county road maintenance and repair. The site is surrounded by rangeland and the post-mining land use is rangeland. A mine sign was observed as required by Rule 3.1.12.

The site was not active during the time of inspection. Through a review of the annual reports it appears that the site is active at least once a year typically the last date of hauling occurs in November. The site is situated on top of a prominent ridge that drains primarily to the south. The maximum mining depth is approximately 18 feet. The operation began mining the northwestern portion of the permit area, and is proceeding eastward/southeastward. It should be noted that a small earthen berm and stockpond are present approximately 550 feet from the southeastern permit boundary. According to the approved permit application, this drainage feature existed before the permit was issued. Aerial images of the site shown in Google Earth confirm that the dam and stock pond were present at least as early as 1993. Therefore, this drainage feature does not appear to be related to the mining operation.

The permit boundary was delineated by tee-posts that were found to have been knocked down by cattle that grazes through the area. The Division took GPS coordinates of the laying down posts. The Division estimates the current level of mining disturbance to be between 5.5 and 6 acres. The majority of the mining has left slopes to be 3H:1V or shallower, except for the northern high wall. The northern high wall is 2H:1V to vertical over a length of approximately 150 feet and approaches 20 feet in height. A stock pile of mined material is stored on the pit floor. Salvaged top soil is stored in two stockpiles located above and southeast of the pit. These stockpiles appeared to be stable with vegetative cover mainly annual weeds. Volunteer vegetation across disturbed area consists primarily of annual weeds and native vegetation. Only the portion of the haul road located inside the permit area will be reclaimed. The remainder of the haul road, from Co Rd 31 to the permit boundary, will remain for use by the landowner. Reclamation of the site calls for grading all mined slopes to 3H:1V or flatter, replacing any salvaged overburden, and placing top soil an average of 6 inches on disturbed areas, and revegetating the site to rangeland.

The Division currently holds no financial warranty because it is a county operation.

Photographs taken during the inspection are attached.

Please contact Patrick Lennberg (303)866-3567 ext. 8114 or email at patrick.lennberg@state.co.us if you have any questions regarding this report.

Inspection Contact Address

Fred Lundy
Lincoln County
P.O. Box 39
Hugo, CO 80821

cc: Jared Ebert, DRMS

PHOTOGRAPHS



Photo 1: Mine sign at entrance off of County Road 31



Photo 2: Haul road on west side of boundary leading to active mine area



Photo 3: Typical condition of boundary marker



Photo 4: Looking southeast across the permit area, topsoil stockpile center of picture



Photo 5: Looking south across the disturbed area from the northern extent of disturbance



Photo 6: Typical conditions outside the disturbed area



Photo 7: Looking west at the mining area highwall

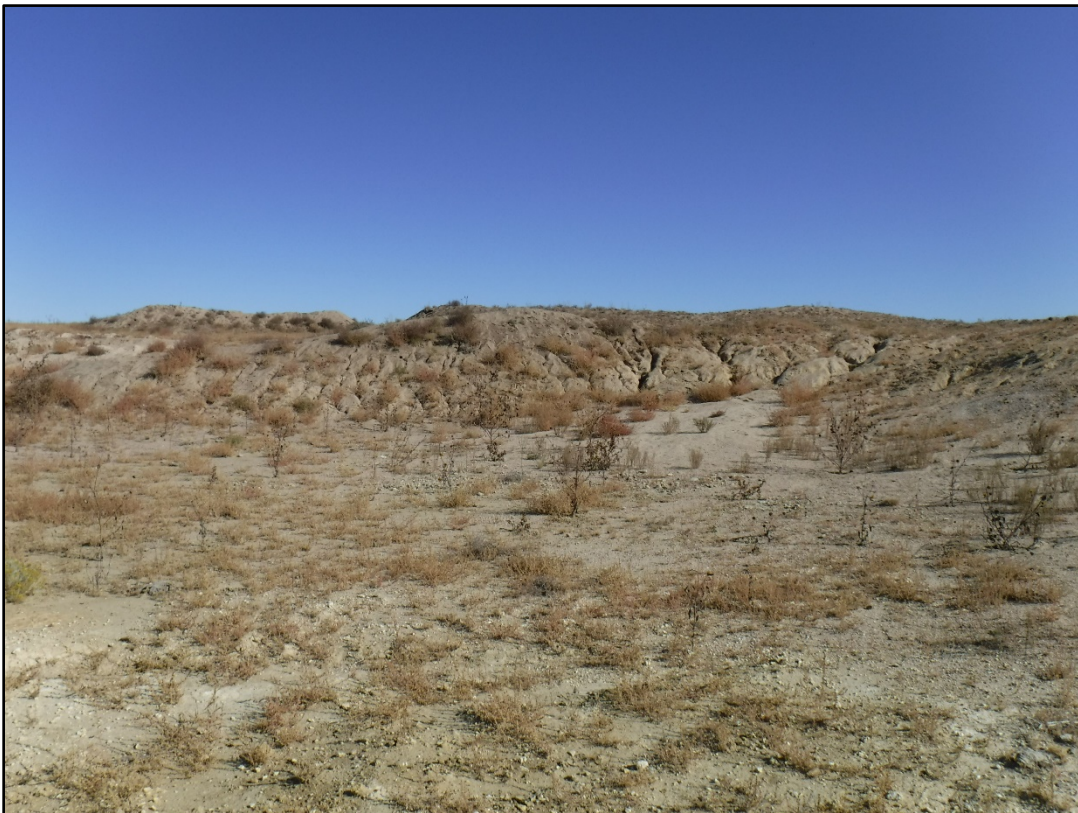


Photo 8: Looking north at the mining highwall from the pit floor.