




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: Raymond Enderson Pit	MINE/PROSPECTING ID#: M-2000-066	MINERAL: Sand and gravel	COUNTY: Lincoln
INSPECTION TYPE: Monitoring	INSPECTOR(S): Patrick Lennberg	INSP. DATE: August 21, 2019	INSP. TIME: 11:30
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: August 29, 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>Y</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</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>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</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>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 Raymond Enderson 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 December 10, 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 Raymond Enderson Pit is located approximately 23 miles northeast of Genoa, Colorado. Access to the site is off of Co Rd 41. The site is situated on the South Fork of the Arickaree River, which only flows during heavy storm events. When carrying water, the river flows eastward. The affected land is owned by Raymond Enderson. The pit is a 110c operation permitted for 9.9 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 at the time of inspection. In the approved mining plan, the operator committed to restricting extraction to the river channel, and not mining the river banks. The approved reclamation plan for this site includes grading all disturbed slopes to a 4H:1V or flatter gradient, ripping any compacted areas of disturbed land outside of the river bed, and revegetating that land with a rangeland seed mixture. Only the portion of the haul road inside the permit area will be reclaimed. No topsoil is required for reclamation since no extraction is to occur outside of the riverbed.

The site does not appear to have been active recently. The riverbed does not show evidence of any recent mining activity and is flat throughout the permit area. On the north banks of the river there is evidence of past stockpiling of material from the riverbed. This area does have vegetation volunteering into the area consisting of native vegetation and annual weeds.

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

The Division was able to GPS all permit boundary markers. All current mining is within the permit boundaries.

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: Michael Cunningham, DRMS

PHOTOGRAPHS



Photo 1: Mine sign at entrance off of County Road 41



Photo 2: Typical boundary marker in foreground looking east along the northern permit boundary



Photo 3: Remaining stockpile of material at the site that has vegetation volunteering on it



Photo 4: Riverbed area in the permit boundary that has not been mined



Photo 5: Riverbed area that has been mined in the past but not recently



Photo 6: View looking east from the south bank showing the difference between the mined (no vegetation growing) and unmined (vegetation growing) portions of the riverbed