




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: O'Dwyer	MINE/PROSPECTING ID#: M-2002-017	MINERAL: Sand and gravel	COUNTY: Lincoln
INSPECTION TYPE: Monitoring	INSPECTOR(S): Patrick Lennberg	INSP. DATE: April 26, 2019	INSP. TIME: 09:55
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: May 2, 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>N</u>	(FN) FINANCIAL WARRANTY----- <u>N</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>Y</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>N</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 O'Dwyer 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 July 23, 2015 during a routine inspection. Fred Lundy with Lincoln County accompanied me during the inspection. The weather was windy, and the sky was clear.

The O'Dwyer Pit is approximately 15 miles northeast of Limon, CO on land owned by Teresa O'Dwyer. Access to the site is off of Co Rd 3t. The pit is situated on the Arikaree River, which only flows during heavy storm events. When carrying water, the river flows eastward. The pit is a 110c operation permitted for 9.3 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

Pre-law mining occurred at this site by the Colorado Department of Transportation (CDOT). CDOT left two topsoil/overburden stockpiles that the current operation will use for reclamation. Mining began in the eastern portion of the site, and continued westward. Material is pushed up the south bank and stored in a loading area in the southern portion of the permit area. The haul road that enters the pit from the southeast will not be reclaimed.

The site was not active during the inspection, and no equipment was present on site. The county is in the process of evaluating the continued need for this pit, and may enter into final reclamation. The river was dry at the time of the inspection but there was evidence of recent flow. A material stockpile was stored along the south bank of the river and appeared to be stable. A topsoil and an overburden stockpile were stored in the southern portion of the site, and appeared to be stable with some vegetative cover. The riverbed and banks appeared to be stable. The approved reclamation plan for this site includes removing all stockpiles, grading all slopes to 3H:1V or flatter, replacing a minimum depth of 6 inches of topsoil on disturbed portions of the riverbanks and disturbed areas outside of the riverbed, and revegetating the site using a rangeland seed mixture recommended by the Natural Resources Conservation Service.

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

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

CC: Michael Cunningham, DRMS

PHOTOGRAPHS



Photo 1: Mine sign at entrance off of County Road 3t



Photo 2: A view to the west from the eastern portion across the mining area



Photo 3: A view to the south from the riverbed with product and topsoil stockpiles



Photo 4: Product stockpile near the southwestern corner of permit adjacent to the riverbed



Photo 5: Topsoil stockpile center left of picture



Photo 6: Boundary marker with flow debris around the base