




COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY
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: Knodel Pit	MINE/PROSPECTING ID#: M-2011-042	MINERAL: Gravel and sand	COUNTY: Yuma
INSPECTION TYPE: Monitoring	INSPECTOR(S): Elliott R. Russell	INSP. DATE: March 10, 2016	INSP. TIME: 11:15
OPERATOR: Yuma County	OPERATOR REPRESENTATIVE: Don Marr	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: NA	BOND AMOUNT: NA
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: April 29, 2016

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>NA</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</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>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</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

PROBLEMS/POSSIBLE VIOLATIONS

None observed at the time of the inspection

OBSERVATIONS

This inspection was conducted as part of the Division's routine monitoring program for permitted operations. The Knodel Pit is a Construction Material Regular 112c Operation Reclamation Permit with 128 permitted acres and an approved post mining land use of Rangeland. The mine is located approximately 12.5 miles east-southeast of Idalia, Colorado. Elliott Russell, with the Division, inspected the site. Don Marr represented the Operator and accompanied the inspection.

At 1115 hours, the Division met Mr. Marr at the mine site. At the time of the inspection the temperature was hot, the sky was clear, and the ground was dry. The mine site identification sign was posted at the entrance to the site along County Road 7 and was in compliance with Rule 3.1.12(1). The permit boundary was delineated by a t-posts. The site was not actively being mined during the inspection and no equipment was located on-site, however there was evidence of recent mining activities. A mobile 500 gallon fuel tank was on site. Mr. Marr stated that this tank was not double walled and would be removed from the site since there is no secondary containment.

The site consists of a main pit area, approximately 20 acres in size, which daylights to the north and northeast into a small west-east drainage. Yuma County is currently mining a 10-15 foot deep area extracting a white caliche type material for road base. Topsoil from this area has been stripped and stockpiled around the southern side of the disturbance. This is also a 3-4 acre disturbance located 1,300' feet northwest of the main pit. Mr. Marr indicated a Yuma County employee had opened up the large area searching for sand and gravel, but didn't find any. This area has been grade/backfilled and is awaiting seeding.

This concludes the Division's Inspection Report; a subset of photographs taken during the time of the inspection are included below. If you need additional information or have any questions, please contact me at Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, by telephone at **303-866-3567 x8132**, or by email at elliott.russell@state.co.us.

PHOTOGRAPHS



Mine identification sign; looking north.



Access road into main pit area; looking east.



Western portion of the main pit; looking west.



Product stockpile located in eastern portion of the main pit; looking southeast.



Northwest exploration area; looking south.

Inspection Contact Address

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CC: Wally Erickson; DRMS