




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 Duell Pit	MINE/PROSPECTING ID#: M-1989-004	MINERAL: Sand and gravel	COUNTY: Kit Carson
INSPECTION TYPE: Monitoring	INSPECTOR(S): Elliott R. Russell	INSP. DATE: April 30, 2019	INSP. TIME: 09:30
OPERATOR: Kit Carson County	OPERATOR REPRESENTATIVE: Dave Hornung	TYPE OF OPERATION: 110c - Construction Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: NA	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: June 26, 2019	

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected. 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>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>Y</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 / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

PROBLEMS/POSSIBLE VIOLATIONS

None observed during the inspection.

OBSERVATIONS

This inspection was conducted as part of the Division's routine monitoring program for permitted operations. Elliott Russell, with the Division, conducted the inspection while Dave Hornung, representing the Operator, accompanied the inspection.

The Raymond Duell Pit is a Construction Material Limited 110c Operation Reclamation Permit and is approved to affect 9.1 acres of land. Affected lands will be reclaimed to support rangeland post-mining land use. The site is located in Kit Carson County, approximately 2 miles west-northwest of Seibert, Colorado.

The Division met Dave Hornung at the mine site entrance located on the north side of County Road V, 1.75 miles west of Colorado Highway 59. The site was not active at the time of the inspection and there was no equipment on the site, however, the Division observed evidence of recent mining activity.

The site consists of a single excavated area, approximately 3 acres in size, just south of the ephemeral stream channel known as Sand Creek. The pit consists of a western, southern, and eastern slope and "daylights" on the north side to the creek channel. A large product stockpile was located along the southeast corner of the pit. The Operator stated they intend to advance the pit to the west, mining around the power poles after working with utility company to establish appropriate buffers.

Availability Of Records: The anniversary date of the permit is April 26th of each year. The 2018-2019 Annual Report, Map and Fee was submitted and accepted on May 6, 2019. The previous inspection was on March 26, 2015. There are no open infractions.

Hydrologic Balance: No captured storm water nor exposed groundwater was observed during the inspection.

Gen. Compliance With Mine Plan: The operation appeared to be in compliance with the approved mine plan.

Sediment Control: No erosion problems were observed and no BMPs are needed at this time.

Signs and Markers: The permit sign was properly posted and boundary markers delineated the permit boundary.

Topsoil: Topsoil had been stripped from the site and piled along the crest of the southern slope of the pit. There appears to be sufficient topsoil stockpiled at the site to complete reclamation.

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



Photo 1. Mine identification sign; looking north.



Photo 2. Southern portion of the pit; looking east.



Photo 3. Western slope of pit, currently near power line; looking north.



Photo 4. Southeast portion of the pit; looking north.



Photo 5. Northern end of permit where Sand Creek and excavation meet; looking northeast.

Inspection Contact Address

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