



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: Clapper Sand Pit	MINE/PROSPECTING ID#: M-2015-010	MINERAL: Gravel and sand	COUNTY: Kit Carson
INSPECTION TYPE: Monitoring	INSPECTOR(S): Elliott Russell	INSP. DATE: September 4, 2020	INSP. TIME: 14:30
OPERATOR: Castle Rock Construction Company of Colorado, LLC	OPERATOR REPRESENTATIVE: Matt Fonte	TYPE OF OPERATION: 111 - Construction for Government Agency	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$70,000.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: October 26, 2020	

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>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>Y</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>Y</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 Matt Fonte, representing the Operator, accompanied the inspection. Based on the observations made during the inspection, the Division suggested the Operator submit a Release Request within 60 days of the inspection in order for this inspection to be considered the final inspection as required by Rule 4.17.2(2). The Operator submitted a Request for Full/Final Release of Entire Permit Area (SL-01) on September 15, 2020.

The Clapper Sand Pit is a 111 Operation and is approved to affect 28 acres of land. Affected lands will be reclaimed to support a post-mining land use of rangeland. The mine is located approximately 1.7 miles southwest of Vona, Colorado. The Division met Mr. Fonte at the mine site entrance, located 400 feet west of County Road 23, on the south side of County Road U.

Availability Of Records: The Anniversary Date for the permit is April 2nd each year. The 2019-2020 Annual Report, Map, and Fee was accepted on March 5, 2020. The previous inspection was on May 1, 2019. There are no open infractions. After finding SL-01 complete, the Division notified the landowner, the Kit Carson County Commissions, Kit Carson County Planning Department, and the Flagler Conservation District (Soil Conservation District) of the Operator's request to be released from reclamation responsibility, as required by Rule 4.17.2. To date, the Division has not received any comments nor objections to the full release request.

Hydrologic Balance: Impacts to the prevailing hydrologic balance appeared to have been minimized. No standing water nor exposed groundwater was observed during the inspection. Evidence of a two small pools of standing water was observed in the bottom of the pit, however these were both dry at the time of the inspection and the Division estimates they are both less than a ¼ acre in size. It appears the cattle congregate within these areas. Due to the depth of groundwater in the area, these small areas of barren soil and mud is from storm water which falls within the pit, collects within the low spots, and eventual infiltrates or evaporates.

Gen. Compliance With Mine Plan: The operation appeared to have followed the approved mine plan.

Backfilling and Grading: All slopes appeared to be appropriately backfilled and/or graded.

Sediment Control: The slopes within the permit boundary appeared stable and showed no signs of erosion.

Revegetation: The affected lands were vegetated with a diverse stand of mature grass species. Vegetative cover appeared to match adjacent off-site areas. No noxious weed infestations were observed. The Division observed blue grama, sideoats grama, purple three awn, buffalo grass, horsetail weed, and small amounts of annual weeds.

Reclamation Success: Reclamation efforts appeared to have been successful. Nothing observed during the inspection would prevent the Division from approving the release request.

The Division will approve the release request at this time. The Division is required to hold the final release paperwork and performance warranties for 30 days to allow for any appeals of the Division's decision. These documents will be sent to the Operator after the 30-day appeal period if no appeals are received.

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. Site overview; looking southwest.



Photo 2. Sample photo of the reclaimed affected lands; looking west.



Photo 3. Sample photo of the reclaimed affected lands; looking northwest.



Photo 4. Sample photo of the reclaimed access road; looking southwest.



Photo 5. Sample photo of adjacent undisturbed lands; looking east.

Inspection Contact Address

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