




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: Brenner Pit #2	MINE/PROSPECTING ID#: M-2013-014	MINERAL: Sand, gravel, clay	COUNTY: Kit Carson
INSPECTION TYPE: Monitoring	INSPECTOR(S): Elliott R. Russell	INSP. DATE: June 13, 2019	INSP. TIME: 07:50
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: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: August 23, 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>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>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>Y</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 Brenner Pit #2 is a Construction Material Limited 110c Operation Reclamation Permit and is approved to affect 9.9 acres of land. Affected lands will be reclaimed to support a rangeland post-mining land use. The site is located in Kit Carson County, approximately 14 miles north-northeast of Burlington, Colorado.

The Division met Dave Hornung at the mine site entrance located on the west side of County Road 53, 1 mile north of County Road JJ. The site was active at the time of the inspection and equipment on-site included a bulldozer and a front-end loader. A grizzly screen was also located on site.

The site consists of a single hill side excavation which slightly daylight to the north and has a mining face on the south. Several stockpiles of material were located on the pit floor. Topsoil had been stripped and stockpiled in various locations around the site including south of the southern mining face.

Availability Of Records: The anniversary date of the permit is June 12th of each year. The 2018-2019 Annual Report, Map, and Fee was submitted and accepted on May 23, 2019. The previous inspection was on April 21, 2016. There are no outstanding compliance problems.

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: The Operator should monitor the head cut erosional feature which has developed along the west/southwest side of the pit. Storm water appears to flow down a drainage swale to the west of the site and, with time, the small berm which directs water around the pit has deteriorated which now causes flows to enter the excavation. This head cut, if left unchecked, could advance off-site to the west which would be a violation of C.R.S 34-32.5-116(4)(i) and (j). The Division recommends the Operator backfill/slope the vertical face of the head cut and/or reestablish the storm water control berm.

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

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 west.



Photo 2. Site overview; looking north.



Photo 3. Mining face on the south side of the pit; looking southeast.



Photo 4. Topsoil stockpile south of the southern mining face; looking southwest.



Photo 5. Head cut erosional feature along west/southwest side of the pit; looking northeast.

Inspection Contact Address

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