




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: Brent Pit	MINE/PROSPECTING ID#: M-2019-032	MINERAL: Borrow material for	COUNTY: Lincoln
INSPECTION TYPE: Monitoring	INSPECTOR(S): Patrick Lennberg	INSP. DATE: August 21, 2019	INSP. TIME: 07:00
OPERATOR: Castle Rock Construction Company of Colorado, LLC		OPERATOR REPRESENTATIVE: Darren Janssen	TYPE OF OPERATION: 111 - Construction by Government Agency
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$44,750.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: August 29, 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>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>N</u>	(BG) BACKFILL & GRADING----- <u>N</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 Brent 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 has not been inspected before and the permit was issued in June 2019. Darren Janssen with Castle Rock Construction accompanied me during the inspection. The weather was windy, and the sky was cloudy.

The Brent Pit is located 1.85 miles east of Arriba, CO off of a frontage road that parallels I-70 to the south. The pit is a 111 operation permitted for 15 acres for the removal of sand and gravel for I-70 road construction and maintenance. 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.

The site was active during the inspection. An excavator was digging material and loading onto haul trucks that then transported the material to active construction locations along I-70. The permit boundaries were clearly marked with wooden stakes and high visibility flagging. A run-on/-off control berm had been cut in parallel to the permit boundary. A topsoil stockpile was adjacent to the excavation area, to the south. Additional topsoil stockpiles have been created at the perimeters of the anticipated excavation area.

During concrete paving on I-70 it was determined that the paving machine did not spread concrete to the desired specifications and this material had to be removed. The removed concrete had been temporarily stockpiled within the permit boundary. During the inspection the Operator did not know for certain what the plans were for the material, whether they were going to haul off the material or crush it. The Operator was informed that if they wanted to crush the material onsite they would have to submit a Technical Revision (TR) along with the required fee to the Division for approval since crushing material was not part of the approved permit. In addition, the Operator was informed that if they wanted to use the material as backfill they would also have to submit, as part of the TR, an affidavit of clean and inert fill per Rule 3.1.5(9).

The financial warranty was reviewed as part of this inspection and the current bond amount held by the Division was determined to be adequate at this time.

The Division was able to GPS all permit boundary markers. All current mining appears to be within the permit boundaries.

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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6374 S Racine Cir
Centennial, CO 80111

cc: Michael Cunningham, DRMS

PHOTOGRAPHS



Photo 1: Mine sign at entrance off of frontage road



Photo 2: Looking north along the haul toward the mine entrance



Photo 3: Temporary stockpile of concrete debris



Photo 4: Typical section of the run-on/-off control berm that follows permit boundary



Photo 5: Active excavation area



Photo 6: Typical permit boundary marker



Photo 7: Topsoil stockpile to the south of active excavation



Photo 8: Looking south from the concrete pile towards the active mining area