




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: Blue Valley Pit	MINE/PROSPECTING ID#: M-2015-008	MINERAL: Sand and gravel	COUNTY: Grand
INSPECTION TYPE: Monitoring	INSPECTOR(S): Peter S. Hays	INSP. DATE: October 3, 2018	INSP. TIME: 13:30
OPERATOR: Kirkland Construction, L.L.L.P.	OPERATOR REPRESENTATIVE: David King	TYPE OF OPERATION: 111 - Construction by Government Agency	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$18,078.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: October 5, 2018	

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>Y</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>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 Blue Valley Pit was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) as part of the Division's monitoring inspection program. Mr. David King with Kirkland Construction, L.L.P. was present during the inspection. The site was previously inspected by the Division on August 28, 2017.

The 111 permit site is permitted for 30 acres of disturbance. The last mining excavation occurred in November 2016 according to the 2017 Annual Report. The site is in final reclamation. The approved post-mining land use is rangeland. The approved Reclamation Plan states slopes will be reclaimed to 3H:1V or flatter with 1 to 3 feet of overburden and 6 inches of topsoil replaced during final reclamation.

All observed slopes appeared to be graded to the required 3H:1V slope. The site was seeded with the approved reclamation seed mixture in June 2017. The site vegetation consisted of reclamation grasses and weeds. Russian knapweed, a list Class B noxious weed with the Colorado Weed Management Association was observed during the inspection. The Operator collected a sample of the weed to confirm the field identification. If the identification of the noxious weed is confirmed, the Operator must implement the approved noxious weed management plan for the site to control the weeds. The Division estimated 75 percent of the site contained vegetation, with areas of lacking vegetation and areas of bare ground. The site vegetation has improved since the last inspection. The Division recommends the bare areas are inter-seeded to achieve adequate vegetative cover for final release.

The Division currently holds a financial warranty in the amount of \$18,078, which is adequate to complete reclamation at the site based on this inspection.

The site boundaries were delineated by fence on all sides, pursuant to Rule 3.1.12. An entrance sign was not observed as required by Rule 3.1.12, however this is not cited as a problem by the Division due to the reclamation status of the site.

Photographs taken during the inspection are attached.

Inspection Contact Address

Mr. David King
Kirkland Construction, L.L.P.
P.O. Box 580
Rye, CO 81069

Ec: Michael Cunningham, DRMS

PHOTOGRAPHS



View of site from the northeast corner looking west



View of site from the northeast corner looking south



View of bare area on the northeast slope looking south



View of site from the former office pad looking northwest



View of site from the former office pad looking west



View of site from the former office pad looking southwest