




MINERALS PROGRAM INSPECTION REPORT
PHONE: (303) 866-3567

The Division of Reclamation, Mining and Safety 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 Hays	INSP. DATE: June 17, 2020	INSP. TIME: 14:00
OPERATOR: Kirkland Construction, L.L.P.	OPERATOR REPRESENTATIVE: Tim Gerken	TYPE OF OPERATION: 111 - Construction by Government Agency	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial 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: June 23, 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>Y</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>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>N</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>N</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

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. Tim Gerken with Telesto Solutions, Inc. representing Kirkland Construction, L.L.P. was present during the inspection. The site was previously inspected by the Division on October 3, 2018.

The Special 111 Operation site is permitted for 30 acres of disturbance. The last mining activities occurred in November 2016 according to the 2020 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 slopes are stable and no erosion features were observed during the inspection.

The site was seeded with the approved reclamation seed mixture in June 2017. The site vegetation cover and variety of species has improved each year during reclamation. The site vegetation consists of well-established native grasses including; Bluebunch wheatgrass, Western wheatgrass, Prairie junegrass, Bottlebrush squirreltail, Indian ricegrass and alfalfa. A few small patches of Downy brome (cheatgrass) a Class C noxious weed listed on Colorado's Noxious Weed List were observed on the northeast slope. The cheatgrass patches were isolated and the native vegetation appeared to be outcompeting the cheatgrass. No other noxious weeds were observed during the inspection. The eastern slope and the location of the office and parking area contained a few areas with less vegetative cover and bare spots. No standing water was observed on the pit floor, which was well-vegetated by reclamation grasses. Overall, the site was well-vegetated, stable and consistent with the approved post-mining land use of rangeland.

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.

The Division recommends the Operator submits a request for full / final release of the entire permitted area within 60 days of the signature date of this inspection report, August 22, 2020, to allow the Division to use this inspection as the required release inspection, pursuant to Rule 4.17.2(2).

Photographs taken during the inspection are attached. 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 x 8124, or by email at peter.hays@state.co.us.

PHOTOGRAPHS



View of the site from the north end looking south



View of the east slope from the north end of the slope looking south



View of the vegetation on the east slope looking north



View of the pit floor from the east slope looking west



View of the site from the southeast corner of the site looking northwest



View of the south and west slopes and pit floor from the east slope



View of the pit floor vegetation in the southern portion of the site looking south



View of the pit floor vegetation in the northern portion of the site looking northeast



View of the site from the northwest corner of the site looking east



View of the site from the northwest corner of the site looking southeast

Inspection Contact Address

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