




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: Keenesburg Project	MINE/PROSPECTING ID#: M-2019-027	MINERAL: Sand	COUNTY: Weld
INSPECTION TYPE: Monitoring	INSPECTOR(S): Peter Hays	INSP. DATE: October 7, 2020	INSP. TIME: 10:00
OPERATOR: Colorado Sand Company LLC	OPERATOR REPRESENTATIVE: Jim Beck	TYPE OF OPERATION: 110c - Construction Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$291,546.90	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: October 12, 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>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 / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

The Keenesburg Project was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) in response to the submittal of a technical revision request by the Operator. Mr. Jim Beck, P.E. with J.M. Beck & Associates representing Colorado Sand Company LLC was present during the inspection. The site was previously inspected by the Division on January 15, 2020.

The Operator submitted the technical revision request (TR-01) on September 28, 2020. The Division is required by Rule 1.9 to act on a technical revision within 30 days after being filed with the Division. The technical revision proposes for the West Product Storage Building and immediate surroundings to remain following final reclamation. The Operator included a letter from Guttersen Ranches signed by Shawn Guttersen acknowledging and requesting the revision to the approved Reclamation Plan. The building consists of internal metal trusses covered by a canvas to form the structure. The foundation for the trusses appears to be driven piles. The trusses are bolted to the piles on each end of the truss. The building appeared in good condition and appropriate to remain after final reclamation for use by the landowner.

The 110c limited impact construction material operation permit was issued by the Division on July 12, 2019 for 9.9 acres. The site is located approximately 2 miles north of the Town of Keenesburg in Weld County. The approved Mining Plan states the Operator intended to mine sand for an anticipated duration of less than one year. According to the 2020 Annual Report, the date of last activity at the mine was March 2, 2020. The site is in final reclamation.

The approved post-mining land use is rangeland, which was the land use prior to the mining operation. The approved Reclamation Plan states the upper 12 inches of topsoil will be stripped and salvaged for reclamation. Topsoil stockpiles were observed west of the Main Mine Pit. The topsoil will be replaced at a depth of 8 to 12 inches during reclamation. The process plant and the East Product Storage Building have been removed from the site. The fines recovery pit has been backfilled completely. The final main mine pit is approximately half of the planned pit size consisting of only the eastern portion of the proposed final excavation. The main mine pit was rough graded to an estimated 3H:1V slope. The pit was estimated at 15 to 20 feet in depth. No groundwater was observed in the main mine pit. During the inspection, a dozer was mobilized to the site presumably to complete the final grading and topsoil placement at the site. The perimeter road has been ripped and rough graded to match the surrounding topography.

The portions of the site disturbed by the mining operation will be revegetated with a rangeland seed mixture, except for the area surrounding the West Product Stockpile Building. The site will be fenced to prevent cattle grazing for 5 years to allow the establishment of the reclamation grasses. The mine sign and boundary markers delineated by fence and the ranch road were observed as required by Rule 3.1.12.

The Division currently holds a financial warranty in the amount of \$291,546.90, which is adequate to complete reclamation at the site based on this inspection. During the inspection, Mr. Beck stated the Operator is preparing to submit a surety reduction request. The Division agrees based on the level of reclamation completed at the site a reduction in the amount of financial warranty is appropriate.

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



Keenesburg Project mine sign



View of the West Product Building from the southwest permit boundary looking northeast



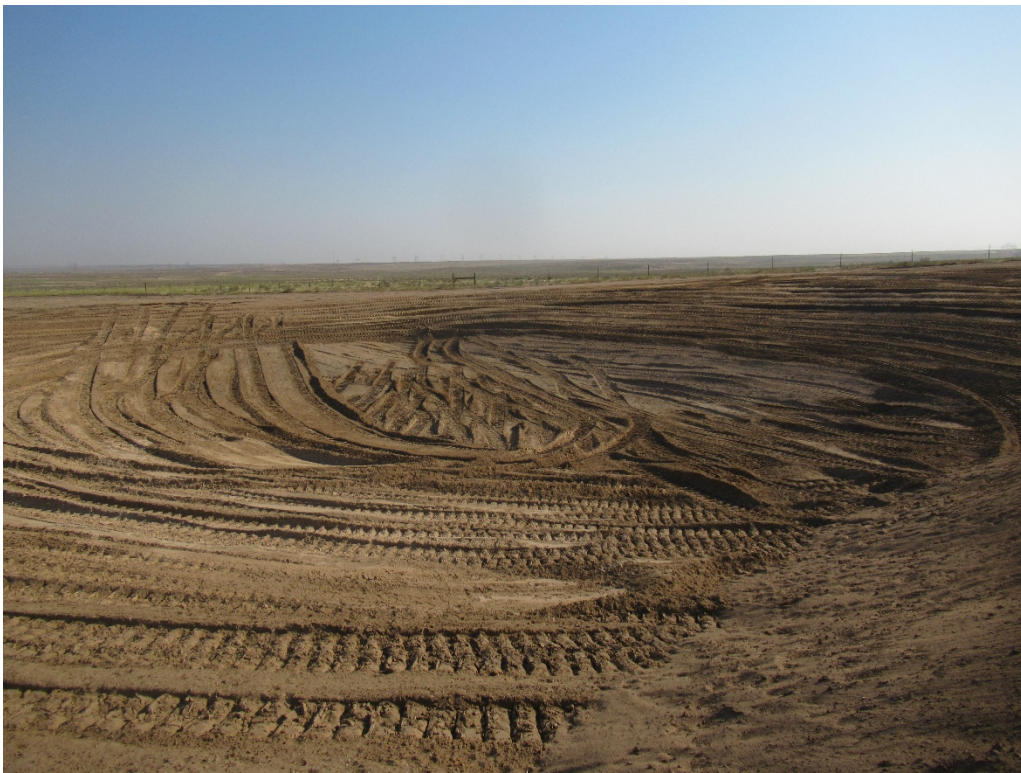
View of the inside of the West Product Building from the north end looking south



View of typical metal truss foundation



View of the topsoil stockpile located west of the main mine pit



View of the rough graded main mine pit



View of the site from the northeast corner looking southwest

Inspection Contact Address

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