




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: Keenesburg No. 2 Mine	MINE/PROSPECTING ID#: M-2019-058	MINERAL: Sand	COUNTY: Weld
INSPECTION TYPE: Pre-operation Inspection	INSPECTOR(S): Brock Bowles	INSP. DATE: February 25, 2020	INSP. TIME: 09:00
OPERATOR: Colorado Sand Company LLC	OPERATOR REPRESENTATIVE: Timothy McCarthy and Marv Brown	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Pre-operation Inspection	BOND CALCULATION TYPE: None	BOND AMOUNT: No Bond Held	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Windy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: March 5, 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>N</u>	(FN) FINANCIAL WARRANTY----- <u>N</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>Y</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>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</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

This pre-operation inspection was conducted in response to a new 112c Reclamation Permit Application for the Keenesburg No. 2 Mine, File No. M-2019-058. Brock Bowles and Michael Cunningham of the Div. of Reclamation, Mining and Safety conducted the inspection. Timothy McCarthy and Marv Brown of the Schedio Group represented the applicant, Colorado Sand Co. The weather during the inspection was overcast, the temperature was 25, and winds were about 25 mph with blowing snow showers. The ground was free of snow and frozen.

The 112c application was received by the Division on November 27, 2019. The application was deemed complete for filing purposes on December 10, 2019. The affidavit of publication was received from the operator on March 2, 2020. The required public notice was run on Jan 15, 22, 29 and Feb 5. The public comment period closed on February 25, 2020 and no comments were received. The public notices required by Rule 1.6.2(1)(b) were posted and observed along Road 59. The proposed mine site is located approximately 3 miles NE of the town of Keenesburg. The decision date for this application is March 9, 2020.

The application proposes to permit 2,925.93 acres for the purposes of mining sand. The topography of the proposed mine site is mostly flat with a few gently rolling hills. The vegetation was mostly comprised of short grasses with a few scattered forb stalks. The area was recently grazed and the vegetation was grazed close to the ground and some areas bare, especially around the ponds in Ennis Draw. Very few shrubs were seen on the site. Some yucca plants were noted but were sparse across the site. No trees were seen. The topography and vegetation of the mine site appears consistent with the description provided in the application.

Fencelines, gates, ranch roads, well heads, water wells, stock tanks and overhead power lines were inspected to verify the accuracy and completeness of Map C-1 Relevant Features and Surface Owners. Most of the infrastructures documented on Map C-1 are underground, so it was difficult to verify these structures. Markers were seen at various places across the site showing locations for some of the features. These markers were consistent with Map C-1. A blue marker was seen in the Ennis Draw area that marked a water line. The waterline feature is on Map C-1 but is not described in the legend and will need to be added. Overall, Map C-1 appeared to be accurate and complete.

One of the ponds in Ennis Draw contained water and was mostly frozen. The other ponds in the draw were dry. The ranch roads were well maintained and used often to access the oil and gas infrastructure across the area.

PHOTOGRAPHS



Overhead powerlines on east end of minesite facing east



Typical example of vegetation and topography of minesite



Water well and solar panel on east side of Section 1, T2N-R64W



Blue waterline marker that was not labeled on Map C-1



A pond in Ennis Draw facing north.



Gas pipeline located in the southwest corner of Section 6, T2N-R63W

Inspection Contact Address

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