


**COLORADO**Division of Reclamation,
Mining and Safety

Department of Natural Resources

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: Sand Creek Mine	MINE/PROSPECTING ID#: M-1992-038	MINERAL: Sand	COUNTY: Adams
INSPECTION TYPE: Monitoring	INSPECTOR(S): Jared L. Ebert	INSP. DATE: September 5, 2018	INSP. TIME: 11:10
OPERATOR: Jones Fine Sand	OPERATOR REPRESENTATIVE: Daren Palizzi	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$7,210.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: September 13, 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>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>NA</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>NA</u>	(RS) RECL PLAN/COMP-- <u>NA</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>Y</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 was a monitoring inspection of the Sand Creek Mine, Division of Reclamation, Mining and Safety (DRMS or Division) permit number M-1992-038, operated by Jones Fine Sand (JFS or Operator). I, Jared Ebert with DRMS conducted the inspection. Mr. Daren Palizzi with JFS accompanied me during the inspection.

The Sand Creek Mine is a 112c permitted site with a permit area of 45.5 acres. The post mine land use approved for the site is pastureland.

Backfilling and Grading:

Mining appears to have occurred throughout the southern half of the site over the life of the mine. Previous mining appears to have been largely conducted in the creek channel with the exception of several small pits north of the current excavated area. Mr. Palizzi indicated the previous operator had used these small pits as wash ponds. Previous mining within the creek channel area is nearly undetectable as storms throughout the last several years has filled previous excavations with sediment. The former wash pond areas appear stable and have largely been revegetated with grasses and forbs.

The active mine area is depicted on the latest annual report map received by the Division on August 28, 2018. A small area is backfilled at the south end of the current pit excavation that exists outside of the creek channel.

Financial Warranty:

The Division currently holds a \$7,210.00 cash bond for the site. The Division has evaluated the financial warranty amount and has found it adequate at this time to complete reclamation in the unlikely event of bond forfeiture.

Hydrologic Balance:

Two pit excavations are occurring at the site, one is located outside of the creek channel near the southwest corner of the site. The other is located within the creek channel north of the entrance to the site. Both pits were dry at the time of the inspection.

Gen. Compliance With Mine Plan:

Overall, mining is occurring in accordance with the approved plan.

Revegetation:

The majority of the affected land that has been affected north of the current disturbed area was observed. This area blends in well with the surrounding area and has vegetation established similar to unaffected land surrounding it.

PHOTOGRAPHS



Figure 1. Small pit area, outside of creek channel located at the southwest corner of the site.



Figure 2. Small pit within the creek channel, located north of the entrance.



Figure 3. Former wash basin area.



Figure 4. Creek channel north of the current affected area.

Inspection Contact Address

Daren Palizzi
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Commerce City, CO 80022

Enclosure: None

CC: None