



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: Canon City East Pit	MINE/PROSPECTING ID#: M-1977-559	MINERAL: Sand and gravel	COUNTY: Fremont
INSPECTION TYPE: Surety Release Inspection	INSPECTOR(S): Timothy A. Cazier	INSP. DATE: July 24, 2019	INSP. TIME: 13:15
OPERATOR: South Forty Recreation, LLC	OPERATOR REPRESENTATIVE: Steve Lindner	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Surety Release Requested	BOND CALCULATION TYPE: None	BOND AMOUNT: \$46,910.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: Other Agency	JOINT INSP. AGENCY: Other Agency	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: July 26, 2019	

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>Y</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>Y</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>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</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 inspection was conducted by Tim Cazier (DRMS) as part of the process for a request of full release from reclamation liability. The surety release request (SL-01) was called complete for the purpose filing by the DRMS on July 3, 2019. The Permittee (South Forty Recreation) was represented by Mr. Steve Lindner during the inspection. Mr. Greg Langer and Ms. Debbie Mitchell (representing the Fremont Conservation District or FCD) were also present for the inspection. The Cañon City East Pit site entrance is about 1 ½ miles south of U.S. Hwy 50 on MacKenzie Ave. on the east side of Cañon City. The site has been in active reclamation for the last few years.

Availability of Records: Annual fees are paid through February 2019. The previous inspection was on February 16, 2017. The approved post-mine land use is wildlife habitat. There are no open infractions.

Backfilling and Grading: All required backfilling and grading had been completed at the time of the inspection.

Excess Spoil and Dev. Waste: No overburden piles were observed.

Financial Warranty: The DRMS holds a \$46,910 bond. As stated below under Reclamation Success, reclamation appeared adequate and the site will be recommended for full release.

Fish and Wildlife: No impact to wildlife was observed.

Hydrologic Balance: Water has been stored in both the east and west pits. The request for reclamation liability release included an augmentation plan for both pits approved by the Division of Water Resources.

Off-site Damage: The operation appeared to be confined to the permit boundary, based on Google Earth review and site observations.

Reclamation Success: The FCD and the DRMS walked or observed the entire site and agreed the observed reclamation was exceptional (see **Photos 1 and 2**).

Revegetation: The most recently revegetated area on the west side of the east pond has been irrigated and displayed a robust stand of grasses and alfalfa (see **Photos 3 and 4**). No noxious weeds were observed.

Sediment Control: No erosion problems were observed and no BMPs were needed at the time of the inspection.

Support Facilities On-site: All support facilities and equipment not allowed by Fremont County zoning ordinances and approved by the DRMS had been removed from the site.

Signs and Markers: The permit sign was properly posted (see **Photo 5**).

Permit Stipulations: There are no open permit stipulations.

Storm Water MGT Plan: No oil or fuel spills observed.

Topsoil: All topsoil had been placed.

Summary: The DRMS will recommend full release of reclamation liability for this site. The DRMS is required to hold the financial warranty for 30 days after the decision to release the site from reclamation liability to allow for appeals. Your financial and performance warranties will be mailed to you shortly after the 30 day period if no appeals are received by the DRMS.

Please contact Tim Cazier (303)866-3567 ext. 8169 or email at tim.cazier@state.co.us if you have any questions regarding this report.

PHOTOGRAPHS



Photo 1. Established diverse grasses and forbs (looking NE from reclaimed west side of east pit).

PHOTOGRAPHS (cont.)



Photo 2. East pit pond edge (looking SE).



Photo 3. Established grasses and alfalfa (looking SE from near east pond).

PHOTOGRAPHS (cont.)



Photo 4. Diverse established grasses (looking SW from near east pond, note refurbished buildings).



Photo 5. Permit sign at entrance.

Inspection Contact Address

Steve Lindner
South Forty Recreation, LLC
759 Apache Drive
Cañon City, CO 81212

ec: DRMS file
Debbie Mitchell (FCD)
Greg Langer (FCD)