




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: Rocky Ford South Pit	MINE/PROSPECTING ID#: M-1977-222	MINERAL: Sand and gravel	COUNTY: Otero
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy Eschberger	INSP. DATE: May 31, 2018	INSP. TIME: 10:50
OPERATOR: All-Rite Paving & Redi-Mix, Inc.	OPERATOR REPRESENTATIVE: Herb Pearson	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$85,500.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: August 7, 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>N</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>N</u>	(RV) REVEGETATION---- <u>N</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>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>N</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 normal monitoring inspection of the Rocky Ford South Pit (Permit No. M-1977-222) conducted by Amy Eschberger of the Division of Reclamation, Mining and Safety (Division). Mr. Herb Pearson represented the operator during the inspection. The site is located approximately 3 miles southwest of Rocky Ford, CO in Otero County. The site can be accessed from the west off of Co Rd 18.

This is a 112c operation permitted for 223.68 acres to dry mine sand and gravel (see enclosed Google Earth image of site). The approved mining plan includes mining the site generally west to east, as the thickest portion of the deposit lies in the western portion of the permit area. The maximum mining depth is approximately 30 feet. The maximum allowed disturbance at any time is 30 acres. Overburden will be stored for backfilling mined slopes. Salvaged topsoil will be stored along the pit perimeter and potentially in the affected area north of the main access road. Excavations will be kept a minimum of 300 feet from any existing residential premises or out buildings. Material processing (crushing and screening) will occur on site using portable equipment. The approved reclamation plan calls for grading all disturbed slopes to 3H:1V or flatter, replacing approximately 6 inches of topsoil on disturbed land, and revegetating the site with a native grass mixture for rangeland use.

At the time of the inspection, it was clear and dry. This report includes **Photos 1-8** which were taken during the inspection. A permit sign was posted at the main entrance to the site, and the corners of the permit boundary were marked by t-posts. The northeastern section of the permit boundary is delineated by the Rocky Ford Highline Canal. The site was not active at the time of the inspection. No equipment or personnel were present on site. According to Mr. Pearson, the site is active every year in accordance with its intermittent status. For the past few years, mining activity at the site has primarily consisted of processing mined material and hauling off from stockpiles.

The main access road off of Co Rd 18 crosses the northern portion of the site and continues to Co Rd CC 5/10 outside and east of the permit area. The majority of current disturbance lies south of this road. The portion of the permit area that lies north of the main haul road was previously disturbed and reclaimed. Current disturbance at the site includes an excavated pit that daylights mainly to the east, several material stockpiles of various sizes stored on the pit floor, overburden and topsoil stockpiles stored at the edges of the pit, a scale area (located north of the main access road), and a small excavation located south of the larger pit (close to the southern permit boundary). Mined slopes were mostly graded to 3H:1V, except for a small cut at the northeastern edge of the pit. This cut was approximately 5-10 feet in height, with near vertical slopes. No signs of excessive erosion were observed on site. The overburden and topsoil stockpiles appeared to be stable. The Division did observe a few early growth Tamarisk (salt cedar) trees in the northeastern portion of the pit disturbance area. Because Tamarisk is a state-listed noxious weed species, the operator should implement the weed control plan as soon as possible to remove these trees from the affected lands.

After the Division's last inspection of the site, conducted on May 8, 2014, issues were identified regarding the permit boundary as shown in annual report maps versus what was approved. These issues were addressed by the Division's administrative revision (AD-1), and the operator's Acreage Reduction (AR-1) and Technical Revision (TR-2) requests submitted after the inspection. These revisions corrected the permit area to 223.68 acres and revised the legal description and maps for the site accordingly. The operator should be sure to include the revised map with future annual report submittals. During the last inspection, the Division estimated disturbance to be approximately 30 acres. The operator should be advised that any disturbance beyond this amount will require submittal of a Technical Revision to increase the maximum allowed disturbed area to more than 30 acres, and to reassess the required reclamation bond for the site.

This concludes the report.

PHOTOGRAPHS



Photo 1. View of permit sign posted at main site entrance off Co Rd 18.



Photo 2. View looking south across western pit wall, showing slopes graded to 3H:1V or flatter.



Photo 3. View looking southeast across pit, showing material stockpiles of various sizes stored on pit floor.



Photo 4. View looking across pit, showing material stored on pit floor.



Photo 5. View of t-post marking one of the northeastern corners of the permit boundary (near the main access road).



Photo 6. View looking east across small excavation present at northeastern edge of pit, with near vertical slopes.



Photo 7. View looking east at scale area near main site entrance, where concrete foundation remains.



Photo 8. View looking north across northern portion of permit area, north of main access road. This area was previously mined and reclaimed. The slopes in this area are mainly 3H:1V or flatter with vegetative cover consisting primarily of shrubs and annual weeds.

Inspection Contact Address

Jodi Schreiber
All-Rite Paving & Redi-Mix, Inc.
P.O. Box 165
Canon City, CO 81215

Enclosure: Google Earth image of site showing approved permit area

EC: Jodi Schreiber, All-Rite Paving & Redi-Mix, Inc. at: jodi@arycorp.com
Herb Pearson, All-Rite Paving & Redi-Mix, Inc. at: herb@arycorp.com

M1977-222 / Rocky Ford South Pit / All-Rite Paving & Redi-Mix, Inc. / (112c)

Red Outline = 223.68 acres = Approved Permit Area
(Image data from 3/19/2016)

