


**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: Sharp Pit #2	MINE/PROSPECTING ID#: M-2013-023	MINERAL: Gravel and sand	COUNTY: Bent
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy Eschberger	INSP. DATE: March 7, 2019	INSP. TIME: 16:45
OPERATOR: Riverside Aggregates, LLC	OPERATOR REPRESENTATIVE: Rudy Torres	TYPE OF OPERATION: 110c - Construction Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$24,800.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: May 22, 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>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>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</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 was a normal monitoring inspection of the Sharp Pit #2 (Permit No. M-2013-023) conducted by Amy Eschberger of the Division of Reclamation, Mining and Safety (Division). The operator was represented by Mr. Rudy Torres for a portion of the inspection. The site is located approximately 12 miles northwest of Lamar, Colorado in Bent County. Access to the site is from the north off of Co Road LL. **Photos 1-8** taken during the inspection are included with this report.

This is a 110c operation permitted for 9.9 acres to mine sand and gravel (see enclosed Google Earth image of site). This operation began mining from a small existing pit created by the landowner for personal use on his property. The approved mining plan includes creating a highwall no more than 850 feet in length with 1H:1V slopes at any time. The maximum mining depth is 15 feet. The general mining direction is to the east/southeast. A small mobile crushing and screening plant may operate on site as needed. Salvaged topsoil will be stored at the edges of the pit, primarily along the southern boundary.

The approved post-mining land use for the site is rangeland. The approved reclamation plan includes grading the highwall slopes to 4H:1V, replacing 6 inches of topsoil on disturbed land, and revegetating the land with a rangeland grass mixture. Any haul roads inside the pit area will also be reclaimed.

At the time of the inspection, the weather was clear and cool with some snow remaining on the ground. A permit sign was posted at the main site entrance off of Co Rd LL. The rectangular-shaped permit boundary was delineated by T-posts at its corners and also by fencing along its northern and southern boundaries. The site was not active during the inspection and no mining equipment was stored on site. However, according to the operator, the site is active less than 180 days per year in accordance with its intermittent status.

The active pit is currently located in the western half of the permit area. The Division estimates the highwall to be approximately 750 feet in length, which is less than the approved maximum length at any time of 850 feet. The highwall is up to 10 feet in height, with 1H:1V slopes. The pit is being expanded primarily to the east and south. According to Mr. Torres, the operation will not continue expanding the pit westward. The operation has graded an approximately 250 foot section of the western highwall to 4H:1V. Vegetative cover of this area consisted of grasses and annual weeds. Mr. Torres indicated the operation plans to backfill the southwestern section of the highwall in the near future. A few material stockpiles were stored on the pit floor and in the eastern half of the permit area. Salvaged topsoil was stored primarily at the southern edge of the permit area and appeared to be stable.

The Division estimates the operation has currently disturbed a total of 7 acres. The Division reassessed the required financial warranty for the site and determined the current financial warranty of \$24,800.00 to be adequate to reclaim the site in accordance with the approved reclamation plan.

No problems were observed during the inspection.

Any questions or comments regarding this inspection report should be forwarded to Amy Eschberger at the Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, via telephone at 303-866-3567, ext. 8129, or via email at amy.eschberger@state.co.us.

PHOTOGRAPHS



Photo 1. View looking north across active pit located in western half of permit area. Highwalls were up to 10 feet in height with 1H:1V slopes.



Photo 2. View looking northwest across active pit located in western half of permit area. Note small material stockpile stored on pit floor. Reclaimed section of western highwall visible in background (indicated with arrows).



Photo 3. View looking southwest across active pit located in western half of permit area. The operator intends to backfill this section of the highwall in the near future.



Photo 4. View looking south, showing topsoil stockpiled at southern edge of permit area (in background).



Photo 5. View looking west, showing topsoil stockpiled at eastern edge of pit.



Photo 6. View looking northeast, showing material stockpile stored at eastern edge of permit area.



Photo 7. View looking southeast across stockpiling/processing area located in eastern half of permit area.



Photo 8. View looking east across southeastern edge of stockpiling/processing area, showing a few material stockpiles scattered across this area.

Inspection Contact Address

Rudy Torres
Riverside Aggregates, LLC
1750 County Road HH
Lamar, CO 81052

Encl: Google Earth image of site

CC: Michael Cunningham, DRMS

M-2013-023 / Sharp Pit #2 / Riverside Aggregates, LLC

Red Outline = 9.9 acres = Approved Permit Area (approximate location based on approved maps)
Blue Outline = 7.0 acres = Disturbed Area as of 3/7/2019 Inspection
(Image data from 6/12/2017)

M2013-023



400 ft

