



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: Friederichs Pit 112	MINE/PROSPECTING ID#: M-2010-080	MINERAL: Gravel and sand	COUNTY: Prowers
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: March 13, 2024	INSP. TIME: 10:00
OPERATOR: City of Lamar	OPERATOR REPRESENTATIVE: Patrick Mason	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$0.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Zach Trujillo	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: March 26, 2024	

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>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>N</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>N</u>	(RS) RECL PLAN/COMP-- <u>N</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 / 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 Friederichs Pit, M-2010-080, conducted by Zach Trujillo of the Colorado Division of Reclamation Mining and Safety (Division). Mr. Patrick Mason representing the Operator, City of Lamar, accompanied the inspection. The Freiderichs Pit is a 112c mining operations with a permitted acreage of 14.51 acres and is located approximately 2.5 miles south and west of Wiley, Colorado, on land owned by Hans and JoLeyne Friederichs. The mine was originally operated by Riverside Aggregates, LLC and with the approval of SO-1 in 2022, the City of Lamar took over the site. Weather during the inspection was clear with dry ground conditions and temperatures around 50 degrees Fahrenheit.

A mine identification sign was located at the entrance to the site. The permit boundary is delineated by the surrounding fence line.



Mine identification sign at entrance.

Based on discussion with the Operator, the site is used to mine clay as a liner for the local landfill. As hauling activities occur with the material on site, suitable excess backfill material is being imported from the landfill area on the return trip. The imported material was free of debris and vegetation. A single stockpile of the imported material was placed directly adjacent and to the east of the current pit area. As the pit progresses, the pit will be backfilled contemporaneously with the use of the import material. Mined material stockpiles were observed to the south of the pit area and are pulled from as needed for the landfill.



Current pit area.



Backfill material stockpile.

Overall the site is fairly flat with intermittent and sparse vegetation growth along the perimeter of the active areas. Prior to SO-1, the site was in reclamation with backfilling efforts completed and reseeding occurring in 2018 per the Division's 2020 inspection report. Current mining activities have redistributed the previous reclamation primarily along the eastern portion of the site. The western portion of the site has remained undisturbed from the previous reclamation activities conducted by Riverside Aggregates, LLC.

Multiple topsoil stockpiles were observed on site. These piles were stable however sparsely vegetated. The topsoil pile located just south of the pit area is new based upon the topsoil stripping activities with the reopening of the pit after the previous reclamation. Vegetation is expected to increase along the pile over time as additional growing seasons are encountered.



New topsoil pile.

No major signs of erosion was observed on site. A storm water rock filter is located along the south fence line and permit boundary. The site gently slopes to the south and based on visual observations, surface runoff would be directed to this rock filter.

Inspection Contact Address

Patrick Mason
City of Lamar
102 East Parmenter
Lamar, CO 81052

Enclosure

CC: Joel Renfro, DRMS
Amy Eschberger, DRMS