




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: Leyden Pit	MINE/PROSPECTING ID#: M-1983-139	MINERAL: Sand and gravel	COUNTY: Jefferson
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: September 17, 2024	INSP. TIME: 09:30
OPERATOR: City of Arvada	OPERATOR REPRESENTATIVE: Ike Miller	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: Local Government	JOINT INSP. AGENCY: None	
INSPECTOR(S): Ben Hammar Zach Trujillo	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: September 18, 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>Y</u>	(FN) FINANCIAL WARRANTY----- <u>NA</u>	(RD) ROADS----- <u>NA</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>Y</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>NA</u>	

Y = Inspected / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

This was a monitoring inspection conducted by Ben Hammar and Zach Trujillo of DRMS as part of DRMS' regular monitoring program. The site entrance is located approximately 1.5 miles north of W 68th Ave on the east side of Highway 93 in Jefferson County.

The permitted land is owned by the City of Arvada. The Division approved AR1 in July of 2019, which reduced the permitted area to roughly 94 acres of land in active reclamation. The majority of the permit has been released as rangeland, with some sections being leased to Pioneer. No mining has been performed on this site since 2014, and reclamation of the remaining area is nearing completion.

Regrading and revegetation of the remaining area has been successfully completed, with only a small section of relatively barren space existing immediately northwest of the central access road. As it is the Division's understanding that Arvada wishes to reduce or release this site in the near future, care should be taken to maintain weed control efforts and attempt to reseed the remaining areas in need of further reclamation. Weed control efforts have been fairly diligent previously, but emphasis should be placed on removing any remaining noxious weeds as the site is prepared for final release.

No issues related to the hydrologic balance of the surrounding area were noted, and the mine entrance was adequately marked. No other issues were noted as part of this inspection.

Inspection Contact Address

Ike Miller
City of Arvada
8101 Ralston Rd.
Arvada, CO 80002

PHOTOGRAPHS

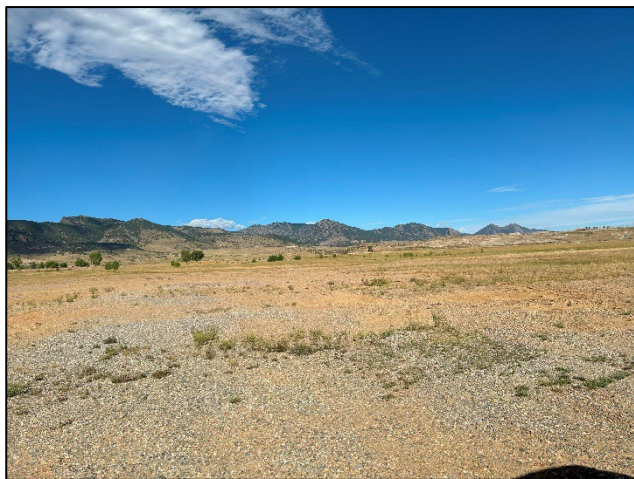


Photo 1 - Section of barren land northwest of the access road.

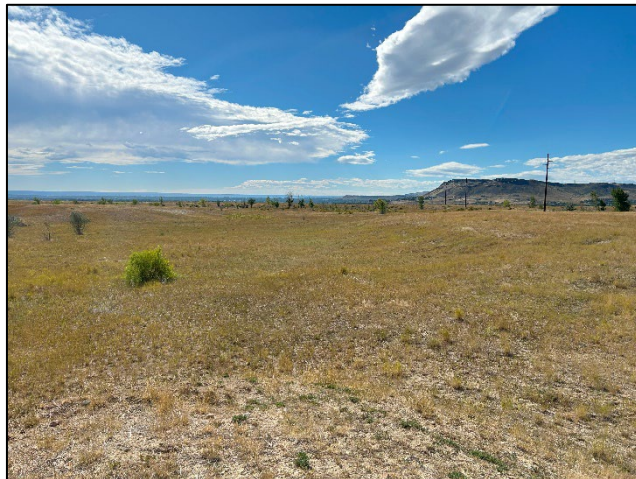


Photo 2 – Representative Section of reclaimed land located near the east site boundary.



Photo 3 – Northern site boundary facing the release portion of land leased to Pioneer.