




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: Fetcher/Vale Pit	MINE/PROSPECTING ID#: M-2002-119	MINERAL: Sand and gravel	COUNTY: Routt
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy C. Yeldell	INSP. DATE: August 16, 2016	INSP. TIME: 14:15
OPERATOR: Elam Construction, Inc.	OPERATOR REPRESENTATIVE: Jon Muller	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$171,100.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS:	JOINT INSP. AGENCY: None	
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: September 1, 2016	

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>N</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>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	(ST) STIPULATIONS----- <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 as part of the Colorado Division of Reclamation, Mining and Safety normal monitoring program. The Fetcher/Vale Pit is a 112c sand and gravel operation that consists of 23.5 acres. Jon Muller with Elam Construction, Inc. represented the operator and accompanied Amy Yeldell of the Division on the inspection. The site is located in Routt County approximately one mile west of Clark, Colorado and is accessed from Routt County Road 62.

The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12. The mine sign was located at the main entrance from CR 62. A scale and scale house are located along the access road to the pit

The pit was active at the time of the inspection. A dozer was operating during the inspection. The pit has been excavated to approximately 40' deep. Highwalls range from near vertical to 2:1 sloping. Less than the maximum 1730' of highwall are exposed. Of the currently exposed highwall approximately 600' is adjacent to the permit boundary and will need to be backfilled. There is adequate stockpiled material to be used on site for backfill. The remaining highwalls may be cut and filled. Fuel is in secondary containment.

There were several large piles of various stockpiled material. Stockpiles were neatly organized based on size class. All stockpiles were stable, sloped approximately 2:1 and free from any visible erosion. The active mine area is fenced in. The area that topsoil is stockpiled on is located north of the fence within the permit boundary and will not be mined.

There were discussions about potentially expanding the pit to the north in the future. This will require county approval first. So Elam will obtain all other necessary permits before filing with DRMS.

Mr. Muller also mentioned possibly changing the reclamation plan. Currently the plan calls for daylighting the southern permit boundary. Per the land owners request if possible he would like to leave more of a berm/visual screen, that way the pit cannot be seen when driving up from the south on CR 62A.

Some knapweed was observed. It should be sprayed immediately to kill it before setting to seed. Mr. Muller indicated that he would follow up with the spraying company. The operator is encouraged to more routinely evaluate their herbicide success rather than just leaving it up to the contractor.

In the south east portion of the permit area there is a sediment pond that has exposed water.

The Division currently holds a financial warranty amount of \$171,100 for this site. In an effort to ensure the Financial Warranty adequately, reflects the actual current cost of fulfilling the requirements of the approved reclamation plan the Division has updated the reclamation cost estimate. The current bond has found to be adequate.

No problems or violations were noted during this inspection.

Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@ state.co.us

PHOTOGRAPHS





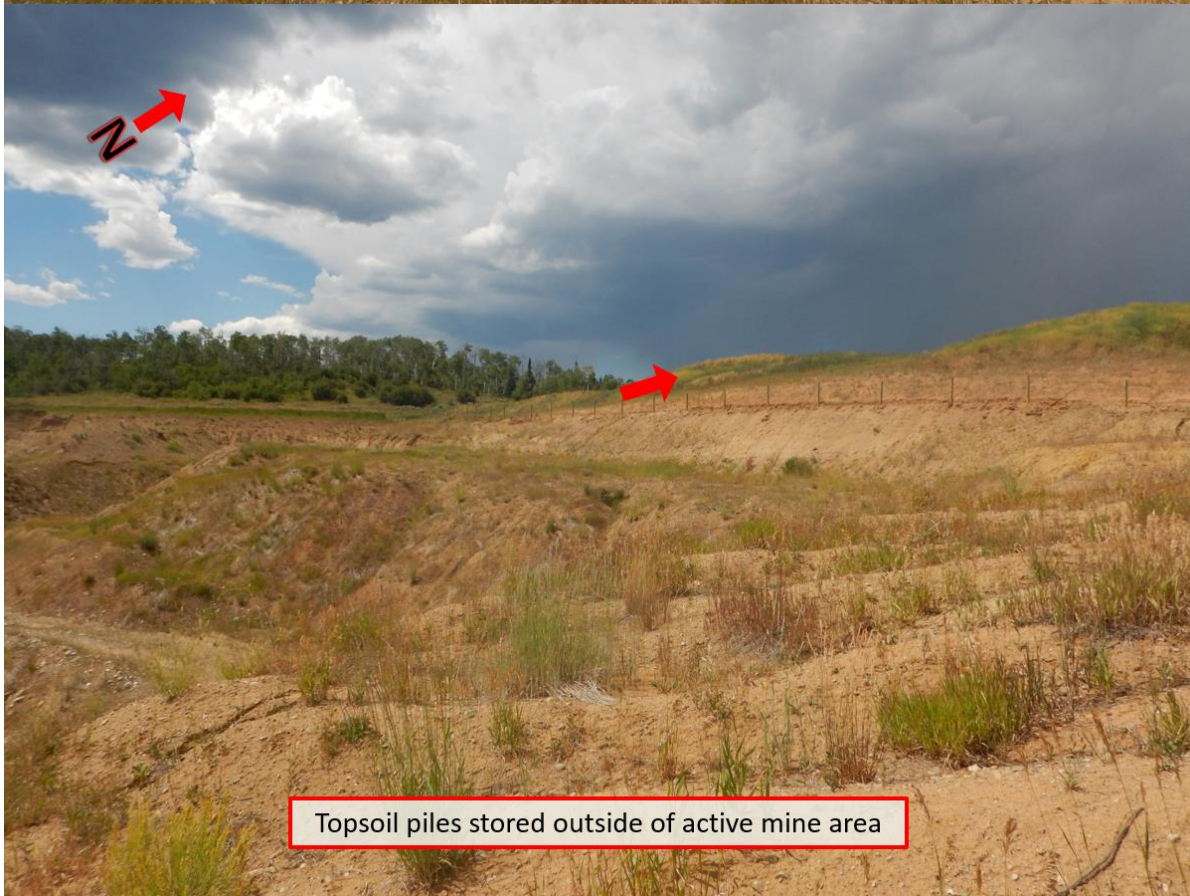
Scale and scale house



Overview of pit

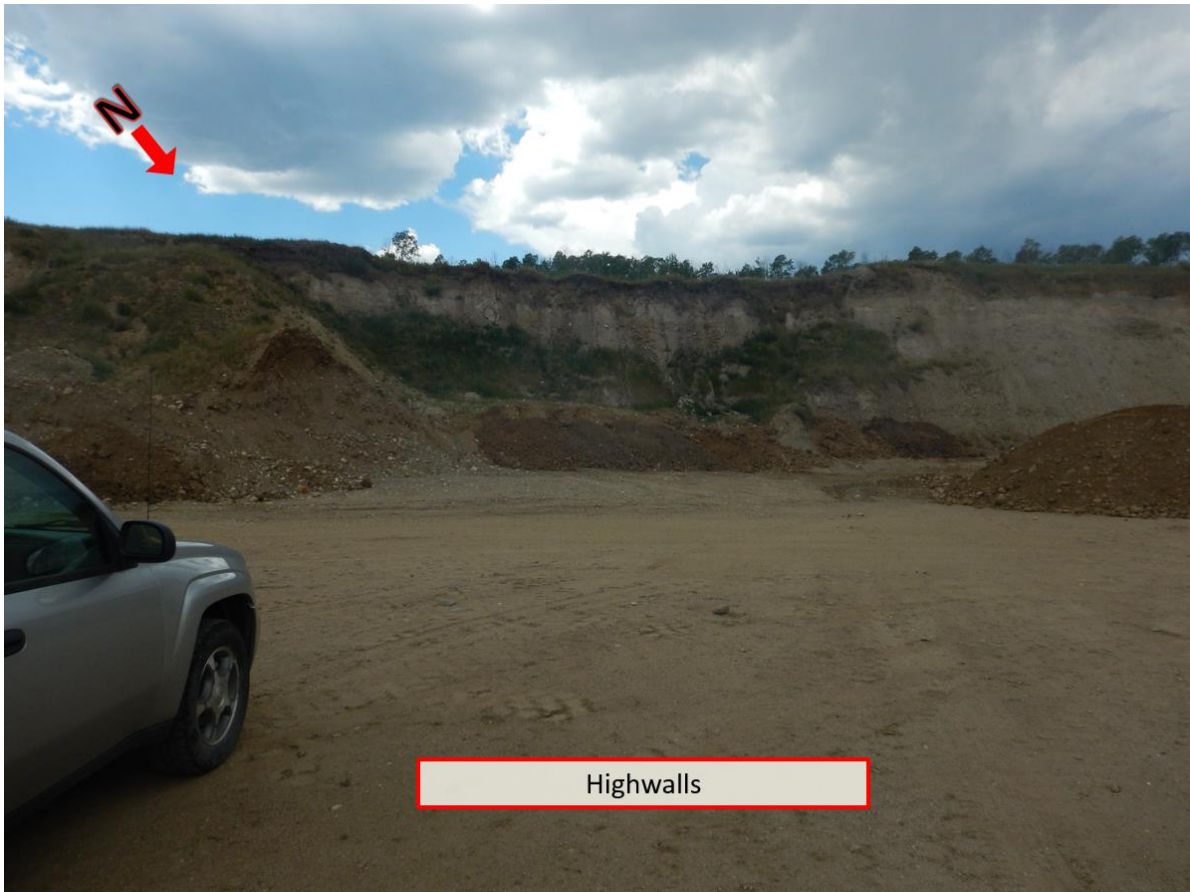


Overview of pit



Topsoil piles stored outside of active mine area







Inspection Contact Address

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Enclosure

EC:

Russ Means, Senior EPS, GJFO DRMS
Jon Muller, Elam Construction, Inc.