



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: Mitchell Mine No 1	MINE/PROSPECTING ID#: M-1986-025	MINERAL: Sand and gravel	COUNTY: El Paso
INSPECTION TYPE: Surety Release Inspection	INSPECTOR(S): Timothy Cazier, P.E.	INSP. DATE: August 3, 2021	INSP. TIME: 10:45
OPERATOR: R E Monks Construction Co.	OPERATOR REPRESENTATIVE: Leroy Garcia	TYPE OF OPERATION: 110c - Construction Limited Impact	

REASON FOR INSPECTION: Surety Release Requested	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$11,500.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: August 27, 2021

The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.

INSPECTION TOPIC: Sediment Control

PROBLEM/POSSIBLE VIOLATION: Problem: A large erosion gully was observed on-site. This is a problem at this time for failure to protect the affected land from erosion pursuant to C.R.S. 34-32.5-116 (4) (j).

CORRECTIVE ACTIONS: The operator shall provide photo documentation to the Division verifying the erosion gully has been repaired, and that the site has have been reconstructed and stabilized to prevent erosion damage by the corrective action date.

CORRECTIVE ACTION DUE DATE: 10/26/21

OBSERVATIONS

This inspection was conducted by Tim Cazier (DRMS) as part of a surety release request. The Permittee (R E Monks Construction Co.) was represented by Mr. Leroy Garcia during the inspection. The Mitchell Mine No. 1 Pit is accessed from Harrisville Rd off US Hwy 24 approximately 1.5 miles northeast of Calhan. The mine entrance is located approximately 1.75 miles off Hwy 24 on the north side of Harrisville Rd. The primary focus of this inspection was to observe the repairs made to the large erosion gully noted during the May 29, 2020 release inspection. The Permittee provided photo documentation demonstrating the repair of the gully and other erosion rilling. Unfortunately, the repair was insufficient to prevent a recurrence of the problem.

Reclamation Success: The majority of the repair work completed after last year's inspection is good (see **Photo 1**). However, a new significant erosion gully was observed (discussed below). It appears the furrowing above the crest of the slope (see **Photo 2**) was deep enough to allow temporary ponding of stormwater runoff, which eventually, probably during a heavy rainstorm, overtopped the furrows, eroding the furrow nearest the crest, and releasing the impounded water, resulting in the new gully. As this appears to be the case, the best way to avoid a recurrence is to divert runoff away from the crest of the highwall. A diversion directing runoff to the small natural drainage to the northwest (see **Photo 3**) may be the most practical. The DRMS recommends consulting a stormwater specialist prior to proceeding with a new repair.

Sediment Control: A significant erosion gully (estimated to be 4 to 5 feet at its deepest section) was observed in approximately the same location as the larger gully observed last year (see **Photos 4 and 5**). **The gully is cited as a problem on page 1 of this report** and is the reason the DRMS cannot approve the surety release request at this time. See Reclamation Success above for recommendations.

Please contact Tim Cazier (303)866-3567 ext. 8169 or email at tim.cazier@state.co.us if you have any questions regarding this report.

PHOTOGRAPHS

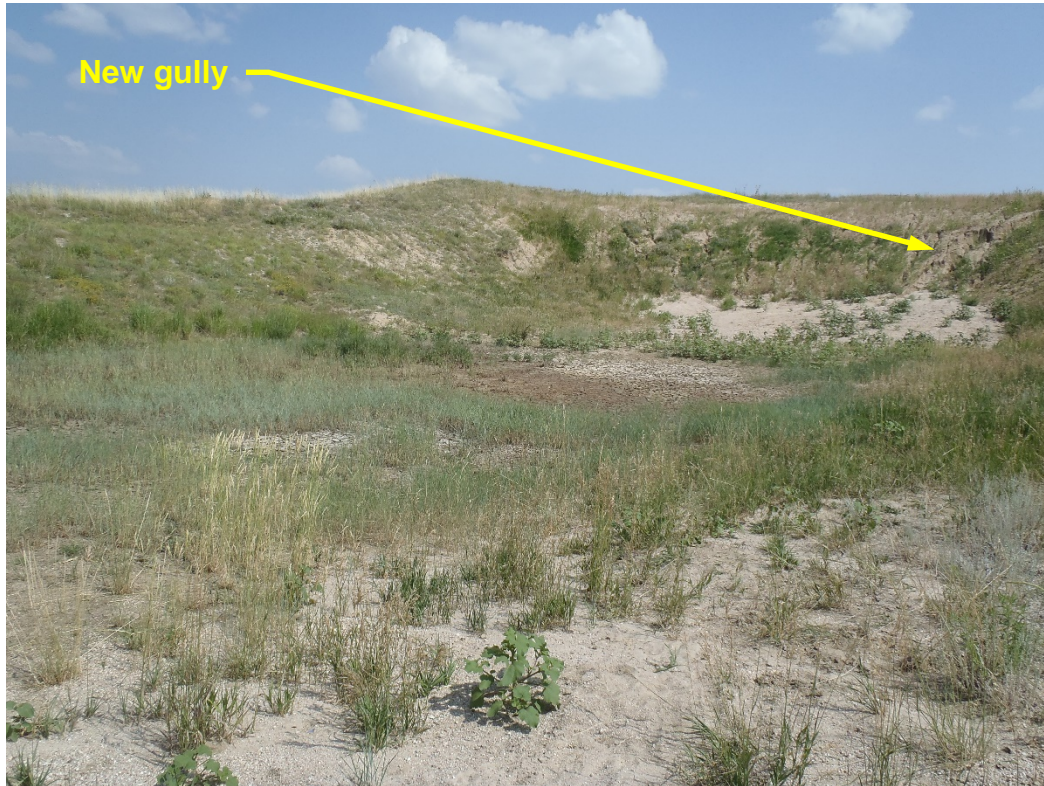


Photo 1. Repaired and revegetated highwall (looking north).

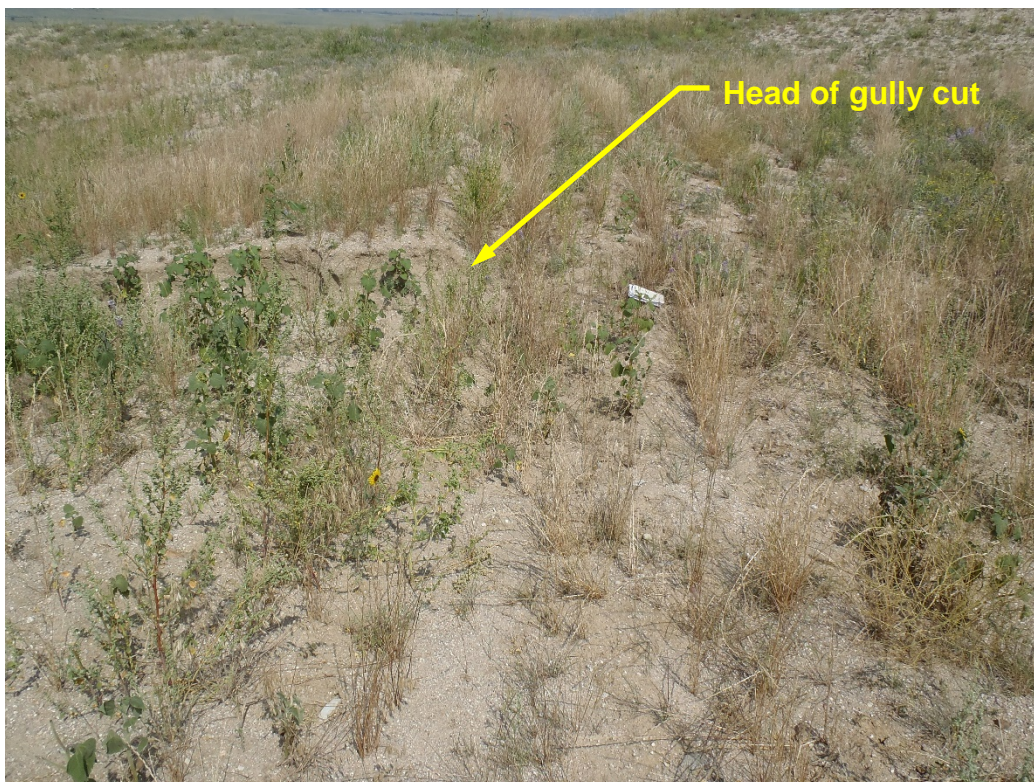


Photo 2. Deep furrows above crest (looking NW).

PHOTOGRAPHS (cont.)



Photo 3. Small natural drainage to the northwest of highwall crest (looking NW).



Photo 4. Observed erosion gully from highwall toe (looking NE).

PHOTOGRAPHS (cont.)



Photo 5. Observed erosion gully from highwall crest (looking SW).

GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each

(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>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>NA</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>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>PB</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	

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

Inspection Contact Address

Leroy Garcia
R E Monks Construction Co.
P.O. Box 25579
Colorado Springs, CO 80936

ec: DRMS File
Leroy Garcia, R E Monks