




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: Daniels Sand Pit 2	MINE/PROSPECTING ID#: M-1973-007-SG	MINERAL: Sand and gravel	COUNTY: El Paso
INSPECTION TYPE: Monitoring	WEATHER: Cloudy	INSP. DATE: May 10, 2023	INSP. TIME: 13:00
OPERATOR: Holcim - WCR, Inc.	OPERATOR REPRESENTATIVE: Wyatt Webster	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Priority	BOND CALCULATION TYPE: None	BOND AMOUNT: \$1,038,500.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: Other Agency	
INSPECTOR(S): Timothy Cazier, P.E.	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: June 2, 2023	

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>N</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>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>N</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>N</u>	(SP) STORM WATER MGT PLAN---- <u>N</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 / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

This inspection was conducted by Tim Cazier (DRMS) to focus specifically on the reclamation status of the buttress backfill on the north side of the new wash pond and south of the Fountain Mutual Ditch. Present for the inspection were Wyatt Webster (Holcim) and Kirk Medina (FMIC). The Daniels Sand Pit 2 is accessed from Bradley Road just west of South Academy Blvd, about one mile east of I-25 in southern Colorado Springs. This is a 112c sand mine and was active at the time of the inspection.

Backfilling and Grading: The slope appears to vary between 3H:1V and 4H:1V (see **Photos 1** and **2**). No signs of erosion/headcutting were observed above the backfill crest and the FMIC irrigation ditch (see **Photo 3**).

Reclamation Success: The east end was recently regraded (see **Photo 1**) and hydromulched (see **Photo 4**). The west end has not been regraded since initial backfill placement, and shows extensive rill erosion (see **Photo 5**).

Revegetation: No grasses had emerged from the hydroseeded area at the time of the inspection. The observed emerging vegetation included: lambsquarters (see **Photo 6**), kochia and Russian thistle (see **Photo 7**). None of these three species are included in the Colorado noxious weed list, so their presence was not cited as a problem. Subsequent to the inspection, DRMS vegetation specialists indicated the hydromulch would be expected to retain sufficient moisture in the soil and grasses may yet emerge. No noxious weeds were observed.

Post Inspection Meeting: Mr. Webster stated they were waiting to see how successful the hydromulched area would be before they regraded and seeded the west end of the buttress backfill. If it is successful, he anticipated regrading the west end and hydroseeding it this fall.

Please contact Tim Cazier (303)328-5229 or email at tim.cazier@state.co.us if you have any questions regarding this report.

PHOTOGRAPHS



Photo 1. Regraded and hydromulched east end of buttress fill (looking east).



Photo 2. West end of buttress fill (looking west).

PHOTOGRAPHS (cont.)



Photo 3. Ditch and access road at crest of buttress fill (looking west, no rill/headcutting at crest on left).



Photo 4. Close-up of hydromulch.

PHOTOGRAPHS (cont.)



Photo 5. Heavy erosion rilling on west buttress fill (looking NW).

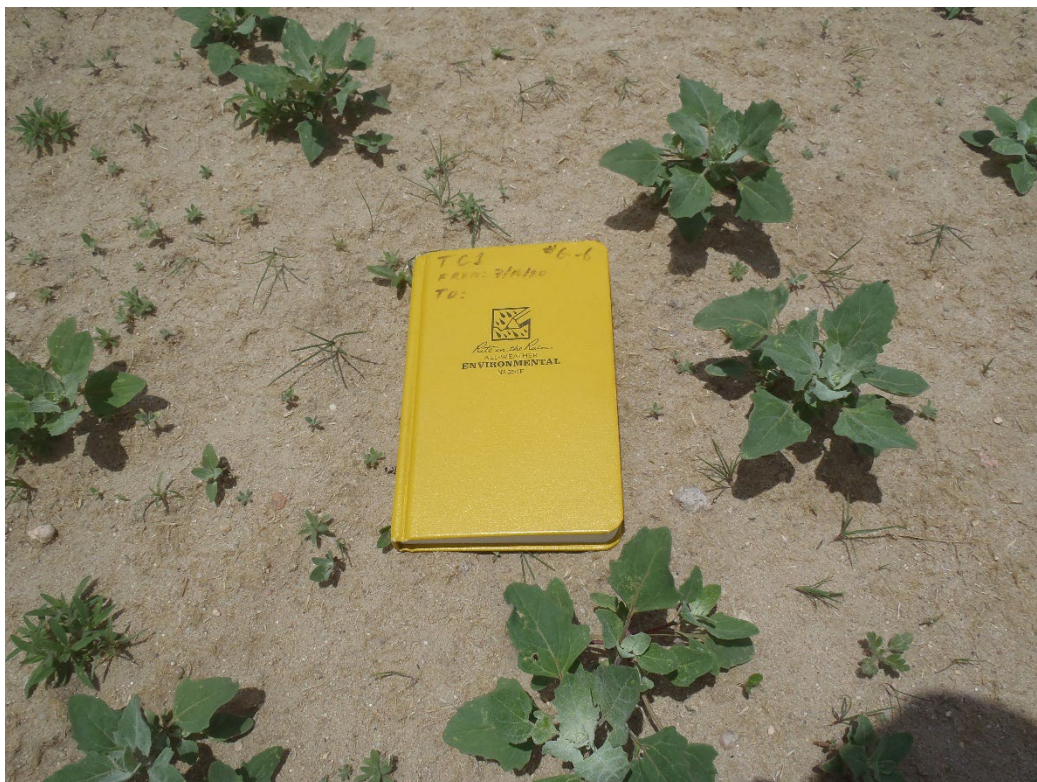


Photo 6. Lambsquarters (broadleaf) and kochia (smaller leaves) on hydroseeded east end.

PHOTOGRAPHS (cont.)



Photo 7. Kochia and Russian thistle on hydroseeded east end.

Inspection Contact Address

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ec: DRMS file
Wyatt Webster, Holcim
Kirk Medina, FMIC