



COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY
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: Walker Pit North	MINE/PROSPECTING ID#: M-1984-140	MINERAL: Sand and gravel	COUNTY: Prowers
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy Eschberger	INSP. DATE: May 29, 2014	INSP. TIME: 12:30
OPERATOR: Prowers County	OPERATOR REPRESENTATIVE: Mark Dorenkamp	TYPE OF OPERATION: 110c - Construction Limited Impact	

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
WEATHER: Clear	INSPECTOR'S SIGNATURE: <i>Amy Eschberger</i>	SIGNATURE DATE: July 11, 2014

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>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>Y</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>NA</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>Y</u>	(SB) 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>Y</u>	(ST) STIPULATIONS----- <u>NA</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 was a normal monitoring inspection of the Walker Pit North (File No. M-1984-140) conducted by Amy Eschberger of the Division of Reclamation, Mining and Safety (Division). Mr. Mark Dorenkamp of Prowers County was present for the inspection. The site is located approximately 6 miles southeast of Lamar, Colorado in Prowers County, on land owned by Walker Land and Cattle Corp.

Access to the site is by Co Rd 10, an existing oil well access road that runs south off Co Rd CC and enters the site from the north. This access road curves around the western side of the permit area. A haul road that is approximately 15 feet wide and 800 feet long splits off from the access road and enters the southwestern portion of the pit. This haul road will be reclaimed to rangeland with the rest of the affected area.

At the time of inspection, it was clear and warm, and the ground was dry. A permit sign was posted at the gated entrance to the site on Co Rd 10 (Photo 1). The permit boundary was marked with metal posts (Photo 2). No mining equipment was present during the inspection. Mr. Dorenkamp indicated that in the past several years, the County has only been intermittently hauling out material from stockpiles. The Operator submitted a Technical Revision that was approved on February 25, 2014 that allows for intermittent operation of the site.

This is a 110c operation permitted for 9.9 acres to mine sand and gravel from an old meander in Clay Creek. This intermittent creek appears to flow primarily east of the mining operation, flowing from south to north toward the Arkansas River which is located approximately 7 miles north of the site. At the time of inspection, Clay Creek was dry. The old meander bank wall present along the northern and western boundaries of the permit area is approximately 10 feet in height (Photos 3 and 4). The topography of the permit area is somewhat undulating, with several small mounds and shallow depressions where previous excavations occurred. Several small material stockpiles are scattered throughout primarily the southern half of the site. One larger material stockpile is stored at the center of the permit area (Photo 5). No highwalls remain on site.

Approximately one acre located in the southwestern portion of the site near the haul road (Photo 6) was disturbed by previous mining operations. This previous disturbance is part of the permit area and will be reclaimed to rangeland with the rest of the affected area. Mining from the current operation progressed northward and eastward from this portion of the site.

No topsoil stockpiles are stored on site. Given that mining occurred in an old creek bed, no topsoil was available to salvage for reclamation. This is stated in the approved mining and reclamation plans. Native grasses, forbs, and cottonwood trees have volunteered throughout the site. It appears that the Operator is successfully controlling and managing the growth of noxious weeds in the permit area. Overall, the site appears stable.

PHOTOGRAPHS



Photo 1. View of gated entrance to site showing permit sign posted (at left).



Photo 2. View looking east from just north of permit area, showing northeastern boundary marker (indicated with arrow).



Photo 3. View looking west from just north of permit area, showing western bank wall of old Clay Creek meander.



Photo 4. View looking north from southwestern portion of site, showing western and northern bank wall of old Clay Creek meander.



Photo 5. View looking northeast from southern portion of site, showing several small material stockpiles and one larger material stockpile at center.



Photo 6. View looking east/southeast from southwestern portion of site, showing previously disturbed area near haul road.

Inspection Contact Address

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