



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: Gentz Gravel Pit	MINE/PROSPECTING ID#: M-1983-116	MINERAL: Sand and gravel	COUNTY: Prowers
INSPECTION TYPE: Monitoring	INSPECTOR(S): Tyler V. O'Donnell	INSP. DATE: October 3, 2013	INSP. TIME: 16:00
OPERATOR: Kiowa County	OPERATOR REPRESENTATIVE: Jack Howard	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:
WEATHER: Clear	INSPECTOR'S SIGNATURE: <i>Tyler O'Donnell</i>	SIGNATURE DATE: November 25, 2013

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>N</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>N</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>Y</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>N</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>NA</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 routine monitoring inspection conducted by Tyler O'Donnell of the Division of Reclamation, Mining and Safety (Division). Kiowa County, the Operator, was represented by Jack Howard during the inspection. The Gentz Gravel Pit is located approximately 3.25 miles northeast of May Valley, Colorado. The Gentz Gravel Pit is permitted as a sand and gravel pit. The approved permit area is 9.2 acres. The approved post-mining land use is rangeland. The site is currently surrounded by rangeland and dry land farm fields.

The sky was clear. The ground was dry. The site consists of a shallow pit excavation and an access road. No mining equipment was operating or present at the time of the inspection. It appears that the majority of site has been inactive for a period of time. It appears that some material had been removed from one of the product stockpiles.

Backfilling and Grading:

The pit has a highwall that is estimated to be 550 ft long, with an average estimated height of 15 ft.

Hydrologic Balance:

Please be advised that the Division of Water Resources requires all storm water to either infiltrate or be released within 72 hours of a rainfall event.

Gen. Compliance With Mine Plan:

All mining activity appeared to be within the boundary.

Roads:

The access road was in good condition.

Recl Plan/Comp:

This site has not yet been reclaimed.

Revegetation:

There was plant growth on the pit slopes, and the stockpiles. This growth appeared to be volunteer vegetation.

Erosion/Sedimentation:

There was evidence of erosion (rills and gullies), leading into the pit however there was no off site damage caused by erosion.

Signs and Markers:

A mine I.D. sign was located at the entrance to the mine site. The permit boundary was clearly marked mounds of dirt around the circumference of the operation.

Topsoil:

Topsoil stockpiles are located along the eastern side of the pit.

PHOTOGRAPHS



Photo 1: View looking southeast, highwall in the background.



Photo 2: The pit highwall, storm water was from a recent storm event.



Photo 3: Product stockpile in the foreground and topsoil stockpile in the background.



Photo 4: Rills and gullies leading into the pit.

Inspection Contact Address

Jack Howard
Kiowa County
P.O. Box 591
Eads, CO 81036

Enclosure

CC: Tom Kaldenbach, DRMS