




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: Guenzi S & G Pit	MINE/PROSPECTING ID#: M-1987-159	MINERAL: Sand and gravel	COUNTY: Logan
INSPECTION TYPE: Monitoring	INSPECTOR(S): Elliott R. Russell	INSP. DATE: April 15, 2015	INSP. TIME: 09:45
OPERATOR: Logan County	OPERATOR REPRESENTATIVE: Rob Quint & Chad Wright	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: NA
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: May 1, 2015

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: Signs & Markers

PROBLEM/POSSIBLE VIOLATION: Problem: The mine identification sign was not posted at the entrance of the mine site. This is a problem for failure to post a mine identification sign as required by Rule 3.1.12(1).

CORRECTIVE ACTIONS: The operator shall, at the entrance of the mine site, post a sign which shall be clearly visible from the access road with the following: the name of the operator, a statement that a reclamation permit for the operation has been issued by the Colorado Mined Land Reclamation Board, and the permit number. The operator shall submit photo documentation that a proper sign has been posted by the corrective action date.

CORRECTIVE ACTION DUE DATE: 5/31/15

OBSERVATIONS

The Division of Reclamation, Mining and Safety (Division/DRMS) conducted an inspection of the Guenzi S & G Pit (Permit File No. M-1987-159), a Construction Material Regular 112c Operation Reclamation Permit with 31.4 permitted acres and an approved post mining land use of Rangeland. The mine is located approximately 9 miles west-southwest of Sterling, Colorado. Elliott Russell, with the Division, inspected the site. Rob Quint and Chad Wright, both with Logan County, represented the Operator and accompanied the inspection. This inspection was carried out as a part of the Division's normal monitoring program.

At 0945 hours, the Division, Mr. Quint, and Mr. Wright arrived at the mine site, located 1.5 miles south of Colorado Highway 14, on the east side of County Road 21.5. At the time of the inspection the temperature was warm, the sky was clear, and the ground was dry. The mine site identification sign was posted at the entrance to the site, but was not in compliance with Rule 3.1.12(1). This has been cited as a problem requiring a new sign to be posted which displays the correct permit number (please see page 1 of this report for more information on this problem). The Boundary was delineated by metal t-posts, a fence along the northern boundary, and the CR 21.5 ROW fence along the western boundary. The site was not currently being mined at the time of the inspection and there was no equipment on the site; the site appeared to be recently active though.

In 2001, a permit amendment was approved by the Division which added 22.44 acres to the original 9.96 acres. Near the access road, in the southern portion of this permit, was the original area; this area contains a small inactive digging face along the western edge. Mr. Wright stated that the floor of this original pit area is the ultimate elevation for the bottom of the entire site. The Operator has since moved the operation to the northern portion of the permit and is advancing back to the south. There is approximately 5-10 feet (depth) of material remaining between the active area and the original area, which is separated by about 400 feet. The Operator plans to daylight the active area out to the original area. Several stockpiles of material were located just south of the active areas. Topsoil stockpiles, located in the northeast corner and southeast portion of the site, were vegetated and appeared to be stable.

The Division observed some erosion features developing on the northern slope. At this time, these features will not be cited as a problem because the slope drains to the active pit area and ultimately doesn't leave the site. Additionally, since these slopes have not been graded for reclamation nor has topsoil been replaced, the erosion is not a major concern. The Division does recommend the Operator to monitor the erosion to ensure that it does not migrate closer to the northern permit boundary. Furthermore, the Division recommends the Operator, when equipment is on-site and is actively mining material, to start contemporaneous reclamation on the slopes in the northern portion of the site. Since the mine will advance to the south, these slopes could be graded and topsoiled to allow vegetation to establish so the Operator will have less to reclaim when mining ceases.

PHOTOGRAPHS



Permit identification sign at the site entrance, incorrect permit number; looking east.



Site overview; looking southeast from the northern permit boundary.



Site overview; looking south from the northern permit boundary.



Southernmost (original 110c pit) mined area and inactive digging face; looking west.



Vegetated topsoil piles in the southeast portion of the permit; looking southest.



Northwestern mining area; looking east form CR 21.5.

GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected

(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>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>Y</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>PB</u>	(SP) STORM WATER MGT PLAN---- <u>NA</u>	(SB) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</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 / N = Not inspected / NA = Not applicable to this operation / **PB = Problem cited** / PV = Possible violation cited

Inspection Contact Address

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