




**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.

<b>MINE NAME:</b> Lopez Quarry No. 2	<b>MINE/PROSPECTING ID#:</b> M-2007-034	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Las Animas
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> T C. Wait	<b>INSP. DATE:</b> June 19, 2012	<b>INSP. TIME:</b> 13:50
<b>OPERATOR:</b> S & S Services	<b>OPERATOR REPRESENTATIVE:</b> Sam Lopez	<b>TYPE OF OPERATION:</b> 110c - Construction Limited Impact	

<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$22,685.00
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None
<b>WEATHER:</b> Clear, hot, dry	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> June 25, 2012

**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 Section 3.1.12(1) of the rule. The mine identification sign and affected area boundary markers were not observed per the requirements of Rule 3.1.12.

**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.

The operator must post a sign at the entrance to the mine site which shall be clearly visible from the access road and specify the following; the name of the operator, indicate that a reclamation permit for the operation has been issued by the Colorado Mined Land Reclamation Board, and the permit number. The boundaries of the affected area must be marked by monuments or other markers that are clearly visible and adequate to delineate such boundaries.

**CORRECTIVE ACTION DUE DATE:** 7/23/12

## OBSERVATIONS

This was a normal monitoring inspection conducted by TC Wait of DRMS. The mine operator representative present was Mr. Sam Lopez of S&S Services. Post-mine land use for this site is listed as rangeland. Mr. Lopez indicated that he may want to build residential structures on the site. If the end land use changes prior to release by DRMS, the Operator will need to do an amendment to the permit.

The permit area is approximately 9.8 acres and was accessed by vehicle. Mine equipment was present on site and stockpiles of product are located in the center of the mine operations area. Topsoil is stockpiled on site.

The site was not marked with a permit sign and the permit boundaries were not marked.

At the time of the inspection, the ground was dry. A rip rap drainage channel is located in the eastern part of the permit area, which allows runoff water to drain from the site without excessive erosion. The majority of the site has not been regarded, topsoiled, and revegetated, however a small portion of the site has, and appears to be successful.

### Backfilling and Grading:

Site has not been graded for reclamation.

### Hydrologic Balance:

A rip-rap drainage is located on the north site of the permit area. This drainage is in good condition. No groundwater was present or expected.

### Gen. Compliance With Mine Plan:

About 5 acres are currently disturbed. Operator states that there is a lot of overburden (18-20 ft) to get to the gravel (4-5 ft).

### Roads:

There is currently a road along the northern portion of the permit area that extends to residential structures off-site. This road will remain after mine operations. The road is in good condition.

### Revegetation:

A small area in the western part of the permit area has been reseeded. Grasses are growing successfully with minimal weeds. The remainder of the site has not been topsoiled or seeded, and moderate weeds are present. The Operator is advised to implement a weed management program to control weed growth.

### Sediment Control:

The lower, eastern portion of the site is currently acting as a sediment retention basin. No evidence of off-site sediment transport was observed.

### Topsoil:

Topsoil is stockpiled onsite.



## PHOTOGRAPHS

Photo 1. Looking southeast. Drainage channel is located in center of photo.

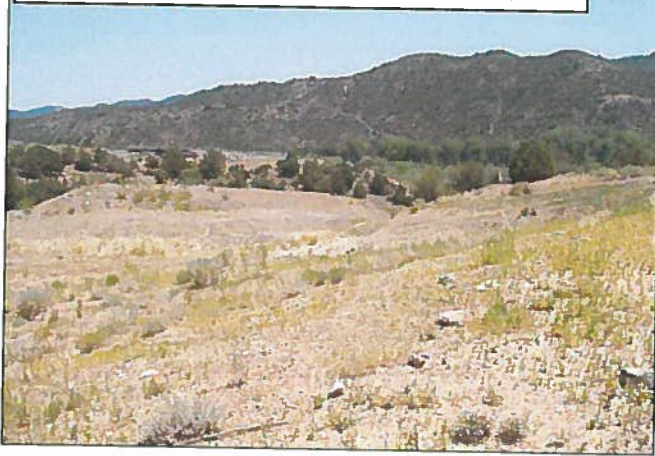


Photo 2. Slopes between lower eastern section and center of permit boundary looking south.

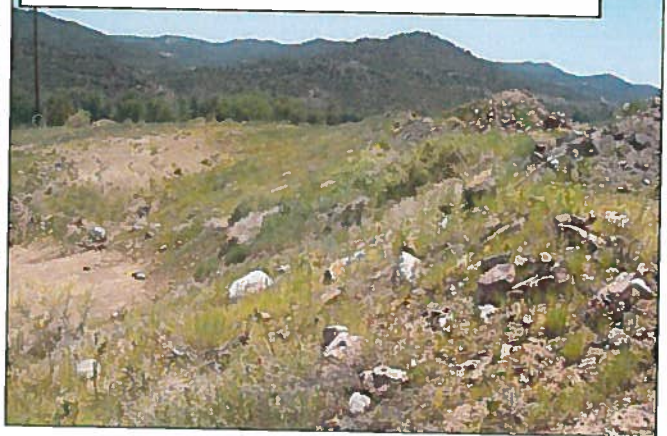


Photo 3. Area of reclamation in western part of permit. Thick overburden over gravel layer visible in right of photo.

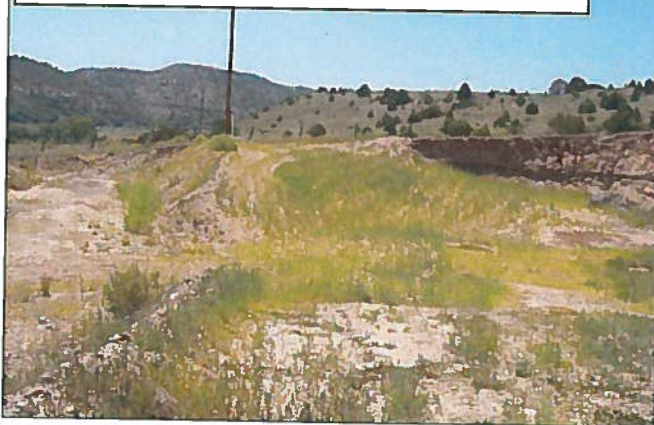


Photo 4. Looking southeast across permit site.



### GENERAL INSPECTION TOPICS

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

(AR) RECORDS-----	<u>NA</u>	(FN) FINANCIAL WARRANTY-----	<u>N</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>NA</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>NA</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 and found in compliance / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

#### Inspection Contact Address

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Enclosure

CC: