




**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> Crader Gravel Pit	<b>MINE/PROSPECTING ID#:</b> M-1981-114	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> La Plata
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Lucas J. West	<b>INSP. DATE:</b> September 15, 2016	<b>INSP. TIME:</b> 08:00
<b>OPERATOR:</b> La Plata County	<b>OPERATOR REPRESENTATIVE:</b> Leslie Jakoby, Gereard Gurule	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$0.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Clear	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> September 21, 2016	

**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>N</u>
(HB) HYDROLOGIC BALANCE----- <u>N</u>	(BG) BACKFILL & GRADING----- <u>N</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>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	(ST) STIPULATIONS----- <u>N</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 inspection was conducted as part of the normal monitoring program established by the Colorado Division of Reclamation, Mining and Safety. The Crader Pit is an active 112(c) permit located in and operated by La Plata County. The site consists of 37.9 permitted acres located just north of Highway 550 near Farmington hill at approximately 6780 feet in Elevation. Access to the site is shared with the Clayton Homes office on Highway 550 and is controlled by a locked gate along the access road. No financial warranty is held for the site, and in addition to the inspectors listed on page one of this report Gerard Gurule was present during the inspection. Five Photos accompany this report to illustrate current site conditions.

Proper mine identification signage was posted at the entrance to site and is shown in Photo One. The permit boundaries are clearly marked with signs and earthen berms around the site. The site was not active during the inspection and the only equipment noted on site was a track hoe. The mining activity is being carried out in phases with all of the active mining being located in Phase One. The active highwall is approximately 40 feet tall on average and stretches between 100 and 150 linear feet. The highwall is in good condition and appears to be stable as seen in Photo Two. The highwall also serves as the boundary between the Crader pit and the adjacent Montoya pit operated by C & J Gravel. The mining plan outlines for the removal of the material making up the highwall which will daylight the Crader Pit to the Montoya Pit. On site discussions with the operator indicate that the highwall will not be removed for a few years and will be done in conjunction with C & J Gravel.

Several stockpiles were observed on site, some being located on the pit floor shown in Photo Three and others being located near the entrance to the site in the un-mined phases. All stockpiles were in good condition and appear to be stable. The un-mined areas of Phase 2 and Phase 8, which are adjacent sections, are being used as a materials storage area and fenced in facility shown in Photos Four and Five. All materials and items being stored both in and out of the fenced area are in a neat and orderly fashion and are not considered a problem. The site exhibits positive drainage and no erosional issues were noted during this inspection. No noxious weeds were observed, and the operator indicated that the site undergoes ongoing weed management by the County weed department. The overall footprint of the site is in good condition and free from trash and debris. No problems or possible violations were noted during the inspection.

No problems or possible violations were observed on site, all responses to this report should be directed to Lucas West at the Colorado Division of Reclamation, Mining and Safety at 1313 Sherman Street, Room 215, Denver, CO 80203, by email at [lucas.west@state.co.us](mailto:lucas.west@state.co.us) or by phone at (970)-243-6368.

## PHOTOGRAPHS



Photo One: Showing the proper mine ID sign located at the entrance to the site.

9.15.2016

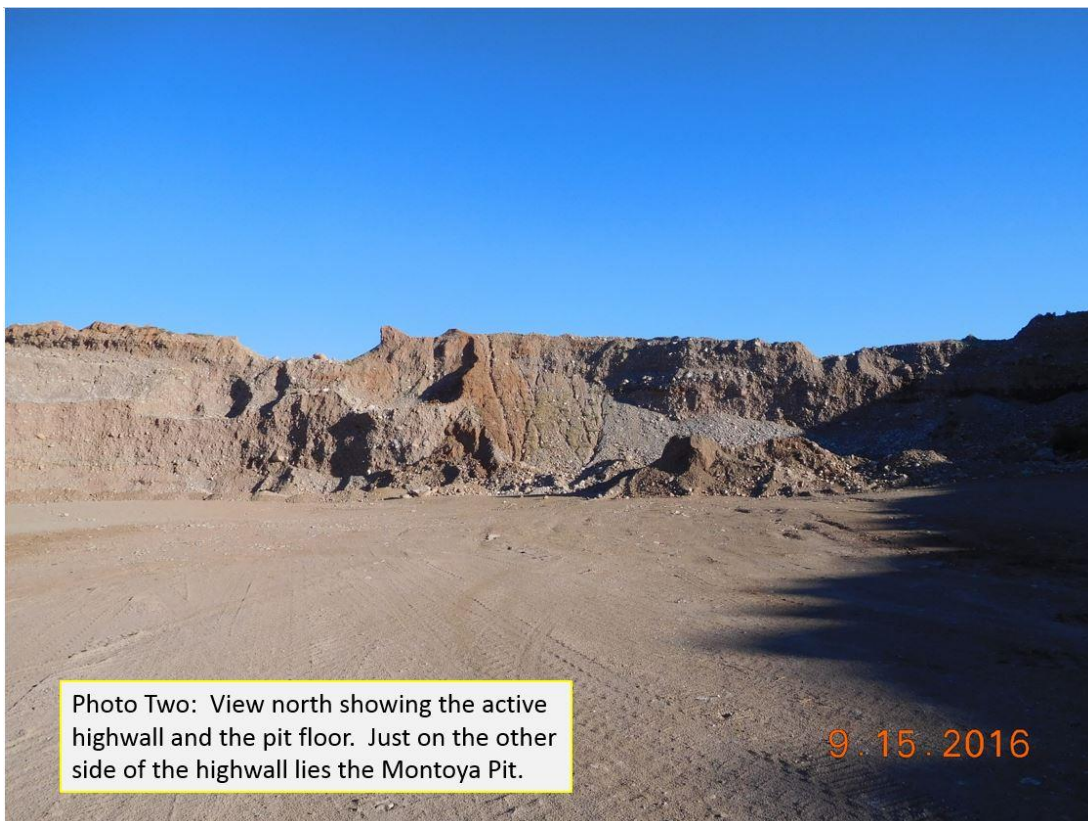


Photo Two: View north showing the active highwall and the pit floor. Just on the other side of the highwall lies the Montoya Pit.

9.15.2016



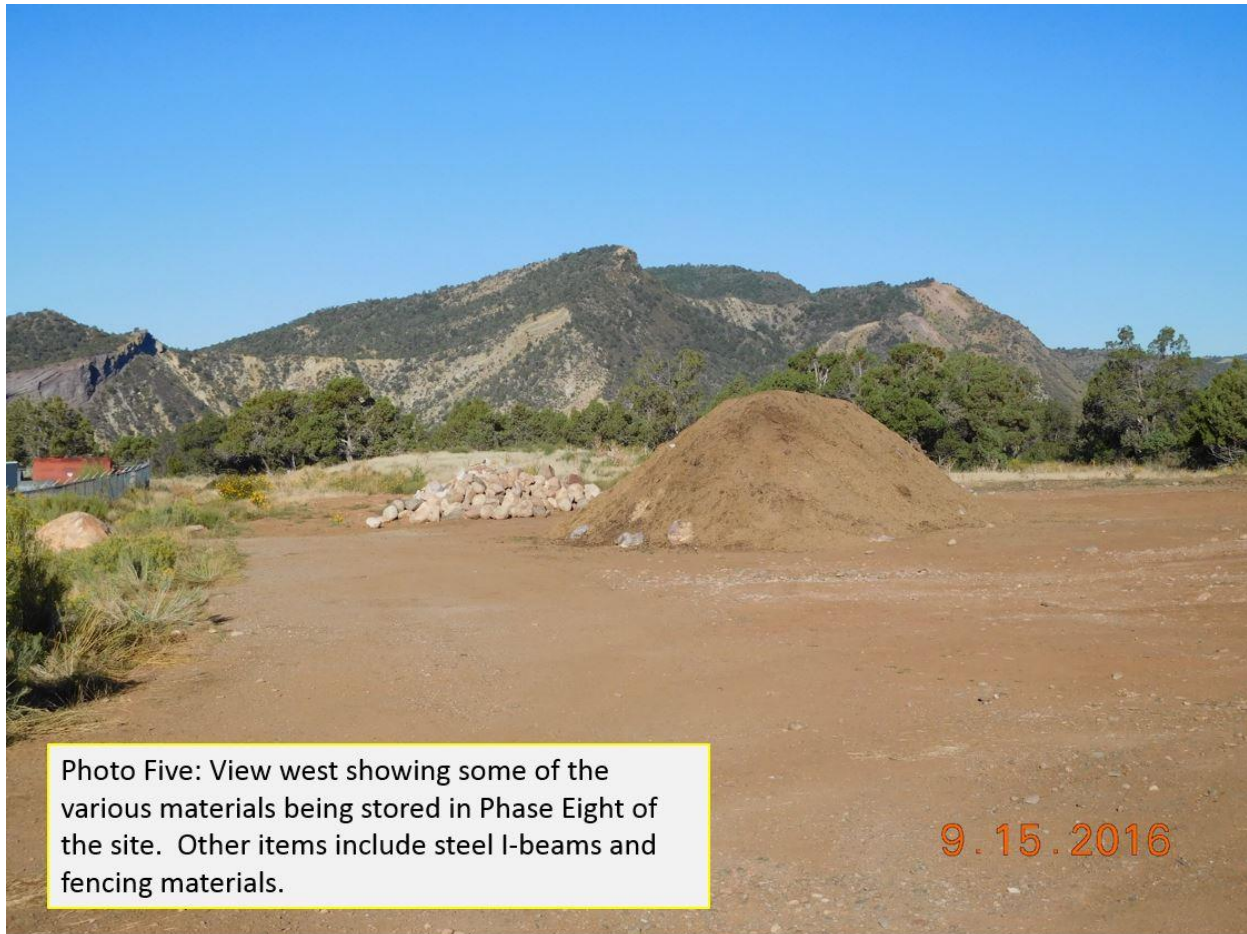


Photo Three: View south showing some of the stockpiles located on the pit floor.



Photo Four: View south showing the fenced in storage yard located in phase two as well as the various stockpiled materials.





**Inspection Contact Address**

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26616 Highway 160 South  
Durango, CO 81301

Enclosure

CC: