




**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> Triangle One Pit	<b>MINE/PROSPECTING ID#:</b> M-1980-228	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Archuleta
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Lucas J. West	<b>INSP. DATE:</b> August 6, 2019	<b>INSP. TIME:</b> 14:25
<b>OPERATOR:</b> Oldcastle SW Group, Inc. dba Four Corners M	<b>OPERATOR REPRESENTATIVE:</b> Matt Carnahan	<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> \$19,504.00	
<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> August 26, 2019	

**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>Y</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>Y</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>	(RS) RECL PLAN/COMP-- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <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 Triangle One Pit is an active 112(c) pit located approximately 6 miles northwest of Pagosa Springs, CO at 7800 feet in elevation. The site lies just off Piedra Road, and public access is controlled by a locked gate at the base of the access road. The division currently holds \$19,504.00 in financial warranty for the site. A reclamation cost estimate update was performed as a result of this inspection. Staff Calculations found that the currently held financial warranty is sufficient to achieve reclamation. The site is to be reclaimed to support a post mining land use of Industrial / Commercial. The approved reclamation plan calls for re-grading the side slopes to a stable configuration and revegetation of the slopes. The pit floor is to remain as well as the processing facilities. All reclamation activities have been completed. Four photos accompany this report to illustrate current site conditions.

Proper mine identification signage is posted at the entrance to the site, shown in Photo One. The permit boundaries were clearly marked with signs and berms around the perimeter of the site. The site was not active during the time of the inspection. Active mining operations have not taken place at the site since the late 1990's. The site has become a processing facility and plant location for materials that have been mined at other permitted sites in accordance with the approved reclamation plan. Photo Two shows the processing facilities in good condition. Materials used in processing are imported and most of the reserves have been used. Photo Three shows an example of the remaining stockpiles on site. All stockpiles appear to be stable and are in good condition. All fuel storage located on site is kept within proper secondary containment devices. Storm water control devices were observed, and appear to be functioning as designed. The sediment ponds located on site are in good condition and are stabilized with vegetation. The pit floor exhibits positive drainage and no erosional issues were noted during the time of the inspection.

All slopes around the perimeter of the site appear to be stable and are approximately 3H: 1V or shallower. The slopes are well vegetated however several areas show large populations of Canada thistle on the hill slopes around the perimeter of the site. This is not listed as an inspection problem because the Operator does have an active weed management plan, and on site discussions indicate the site is scheduled to be sprayed in the coming days. An example of the populations can be seen in Photo Four. Despite the imminent rerelease of the reclamation permit, the operator indicated that the site would still receive regular treatment for noxious weeds. No problems or possible violations were noted during this inspection. The sloping appears to be stable with adequate vegetation. No erosional issues were noted. The vegetation is self-sustaining and showing signs of multiple years of growth.

The overall footprint of the site is in good condition and free from trash and debris. No signs of settling, slumping or erosion were noted during the inspection. 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 phone at (970)-243-6368 or by email at lucas.west@state.co.us.

### **Inspection Contact Address**

Matt Carnahan  
Oldcastle SW Group, Inc. dba Four Corners Materials  
PO Box 1969  
Bayfield, CO 81122

## PHOTOGRAPHS



Photo One: View north, showing the proper Mine ID sign posted at the entrance to the site, where the access road meets Piedra Road.

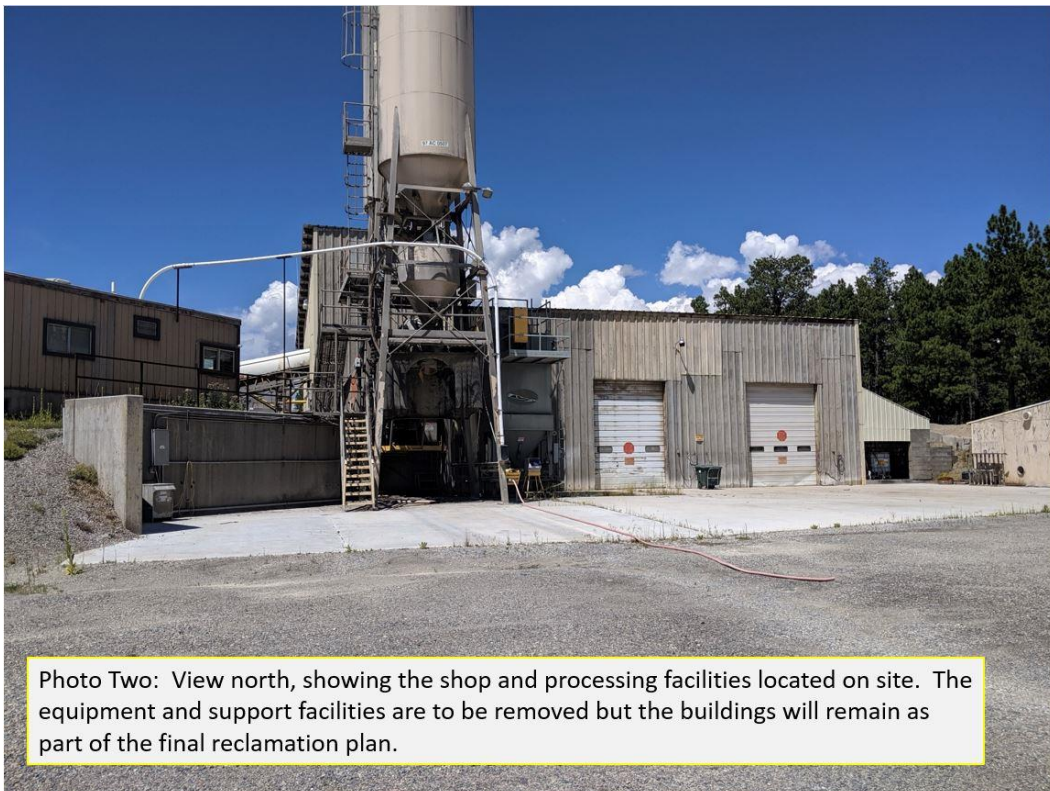


Photo Two: View north, showing the shop and processing facilities located on site. The equipment and support facilities are to be removed but the buildings will remain as part of the final reclamation plan.



