




**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> O'Bannon Pit	<b>MINE/PROSPECTING ID#:</b> M-1980-201	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Rio Grande
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Bob Oswald	<b>INSP. DATE:</b> September 27, 2012	<b>INSP. TIME:</b> 08:00
<b>OPERATOR:</b> Mathias Concrete, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Thomas Mathias	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	

<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$19,400.00
<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> October 24, 2012

**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>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>Y</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>Y</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

## **OBSERVATIONS**

This was a routine inspection performed by the Division as part of its monitoring of Construction Materials 112c permits. The operator named on page one was present throughout the inspection. The approved activities on the permit include excavation, stockpiling, crushing and concrete batching. The site was not active at the time of the inspection, but the site plant manager was also present preparing the winter shut-down of the permit. The required permit ID sign and the boundary markers were present.

The pit occupies all of the north half of the permitted area and the central-western part of the south half of the area. The north part of the pit is the oldest and was the first area where final reclamation was begun. Most of the north pit area is fairly well vegetated, though a few small spots on the pit floor need to have vehicle use curtailed and seeded to meet final reclamation standards. The southwestern part of the pit is the newest and is the active part of the pit. Besides the required final reclamation, the operator also performs interim reclamation to keep the bond amount minimized. At the end of each season he grades down the pit slopes which will be redisturbed the next year. Most of the slopes in the north pit are adequate, though a few still need a little work to meet final reclamation gradients. The topsoil is being salvaged and stockpiled along the south and east edges of the active (south) part of the pit. The annual report maps are current and depict the site activities accurately.

The crushing plant and concrete batch plant are on the east-central part of the site, on unmined land. The batch plant is mobile. Also at the facilities area are a metal building and a wood-frame building used by the operator. The other processing equipment includes concrete-walled product storage bins, wheeled conveyor/stacker, raised fuel tanks, and some concrete slabs and footers under some of the equipment. These are all shown on the permit maps and approved for the permit. They all appear to be maintained and in working order.

The two raised fuel tanks were above an earthen berm, but it did not include an impermeable secondary liner. At this point at the end of the operating season for this site, the fuel tanks were empty. However, if the fuel tanks contained fuel or spillage were evident, and the containment did not yet have the impermeable liner, this would be noted as a problem. This situation is not noted to be a problem at this time. The operator is reminded that before the fuel tanks are refilled when the site is activated in 2013, an impermeable liner must be installed. The operator should notify the Division about completing this activity, including photos.

For final reclamation, all of the mobile equipment will be removed, the concrete bins and footers will be demolished and buried, and the small wood frame building removed. The operator wishes to retain the metal building on the site after reclamation. This detail should be checked against the existing approved reclamation plan. If it is consistent with the plan no change is needed; if it conflicts the plan will need a revision. This may affect the bond amount also. This office will review the reclamation plan at the time of bond review and discuss it with the operator.

The site is being operated in an orderly manner, with concurrent reclamation keeping up with the expansion of new disturbance. The bond is \$19,400, but a recalculation is due. This office will send the operator the updated figures for review; if an increase is indicated the operator will be notified that it must be submitted and accepted within 60 days of notice. There were no problems at this time.

For questions related to this report, please contact this inspector at the Division's Durango Field Office:  
DRMS – Durango Field Office  
691 CR 233, Rm A-2  
Durango, CO 81301  
Telephone 970-247-5193

**Inspection Contact Address**

Thomas Mathias  
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1500 N. Farm Rd.  
Monte Vista, CO 81144

**See inspection photos on page 4**



PHOTOGRAPHS

