




**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> N Farm Rd Pit No 1	<b>MINE/PROSPECTING ID#:</b> M-1977-140	<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> January 21, 2014	<b>INSP. TIME:</b> 13:30
<b>OPERATOR:</b> Mathias Concrete Inc	<b>OPERATOR REPRESENTATIVE:</b> Marshall 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> \$36,355.00
<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> January 28, 2014

**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>Y</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>NA</u>	(FW) FISH & WILDLIFE----- <u>NA</u>	(RV) REVEGETATION---- <u>N</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 conducted 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 operator's onsite office was open but there was no materials handling or processing occurring at the time of the inspection. The required permit ID sign was posted at the entrance gate to the site. The permit boundary is delineated by T-posts on the western permitted block (still undisturbed) and defined by fencelines along other boundaries of the permitted area.

Discussion during the inspection included the 2008 technical revision, the 2009 bond recalculation, and the reclamation that has occurred during the past few years. The operator stated that several reclamation items have been carried out and that he intends to request a bond reduction. The items listed on the most recent "structural demolition" reclamation task sheet were reviewed and inspected, to verify which ones were reclaimed. The bond reduction request should be submitted according to the steps described under Rule 4.14 and 4.17.

The permit is approved for excavation and material processing, which mainly consists of screening, crushing and concrete batching. The site consists of a large pond located against the western side of the permit and occupying most of the permit area, and the stockpile and processing area on the eastern end. Many of the old massive concrete footers and foundations have been removed from the processing area. There are several buildings, concrete footers and conveyors still present, however, and a few of these structures will be permanent. The pond was created by excavating material with a Sauerman dragline and exposing the shallow groundwater. The operator has sufficient water rights for this pond. The Sauerman equipment has all been removed and the pond is not being excavated further. The pond level was low, exposing much of the banks; the banks were graded to 5:1, and portions of them now contain willow thickets and cottonwoods.

The fluids stored on the site include concrete admixtures, diesel and lubricants, and waste oil. The fluids are stored in tanks in designated areas. The admixture tanks are large and inside the concrete batch facility on concrete floor. If ruptured the fluids would spread but congeal before percolating into the ground. The diesel and other hydrocarbons are in outside tanks, in a concrete secondary containment structure. The waste oil is stored temporarily in minor amounts behind the shop building, and is regularly picked up and removed. There is no sign of spillage yet, but since this is a continuously used storage location, the operator should consider installing an impermeable berm under and around the barrels or vessels.

During the past few years all pitrun aggregate processed by the plant has come from the permitted pit adjoining the east side of this permit. The neighboring pit is under permit M-2000-110, operated by Mario Bassi.

Some items of old equipment, parts and tires are lined up along the southern boundary. The permit and bond amount allow some accumulation of these items, but the operator should not let the collection grow much more, since everything discarded there becomes a (bonded) reclamation liability. The operator stated that much of the steel presently there will be scrapped for salvage when prices rise again. When removal occurs it would be good if the operator photographed the removal, or the smaller amount of equipment remaining, and forwarded the photos to the Division.

Another concrete construction company has its equipment set up on the southern edge of the processing area temporarily. It was performing the same activities that this operator is approved for. The equipment will be removed this winter.

There is a noxious weed control plan in effect for this site, and no weeds were observed. No problems are noted in this report.

For questions related to this report, please contact this inspector at the Division's Durango Field Office: 970-247-5193; or 303-866-3567 ext 8175.

All written correspondence should be sent directly to the Division's Denver office:  
Division of Reclamation, Mining and Safety  
1313 Sherman Street, Room 215  
Denver, CO 80203

**Inspection Contact Address**

Marshall Mathias  
Mathias Concrete Inc  
1500 N. Farm Rd.  
Monte Vista, CO 81144

Inspection photographs are on the following two pages.



**PHOTOGRAPHS**

