




**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> Ross Pit	<b>MINE/PROSPECTING ID#:</b> M-1990-134	<b>MINERAL:</b> Gravel	<b>COUNTY:</b> Moffat
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Amy C. Yeldell	<b>INSP. DATE:</b> April 27, 2017	<b>INSP. TIME:</b> 08:00
<b>OPERATOR:</b> James H & Kathleen H Ross	<b>OPERATOR REPRESENTATIVE:</b> Joe Bower	<b>TYPE OF OPERATION:</b> 110c - Construction Limited Impact	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$20,545.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Raining	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> May 10, 2017	

**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>N</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</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>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</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 Colorado Division of Reclamation, Mining and Safety normal monitoring program. The Ross Pit is a 110c sand and gravel operation that consists of a total of 9.56 acres with a maximum disturbance of 7 acres. It is located in Garfield County approximately four miles east of Craig Colorado. The pit is accessed via State HWY 394. Joe Bower represented the operator and accompanied Amy Yeldell of the Division on the inspection.

The mine sign is located at the entrance of the permit boundary at the gate. Some boundary markers are in place. It is recommended that additional markers be installed to more clearly delineate the entire permit boundary. This site has had several amendments and acreage reductions over the permit history changing the boundary several times.

Site was inactive at the time of the inspection. The operator indicated that the site has very little activity, mainly hauling out of existing stockpiles. A dozer and crusher were on site. No stored fuel or structures were present. Several small stockpiles were located within the disturbed area.

Several piles of imported cement were on site. The operator indicated that it is used to create fish habitat. Import of inert fill for fish habitat was approved under TR-2 in 2015. Additionally in 2010 TR-1 approved coal waste to be imported, processed then removed, with a commitment of no more than 500 tons on site at any given time. The operator indicated that this is no longer practiced since the coal material was too dirty to work with. Only imported concrete is still utilized.

The site becomes inundated with ground water due to its close proximity to the river and high ground water table. The northeast corner of the pit which appears to be at the natural contour had standing water. Dewatering is required for excavations. There is one pond on the west side of the permit where mining has completed. Staff was unsure to what depth the pit had been excavated in submerges areas.

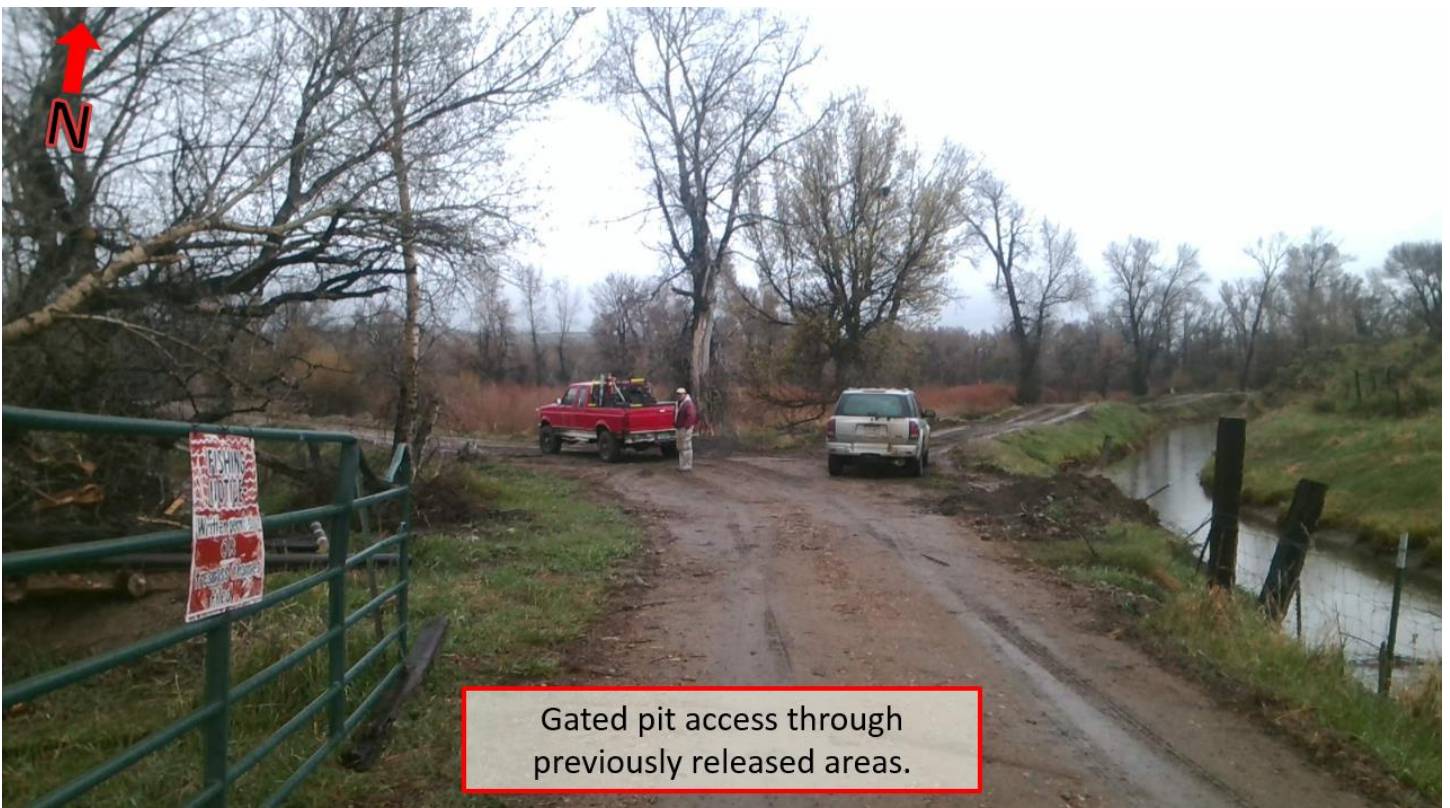
This inspection was conducted during inclement weather. Bouts of torrential down pouring rain and snow made visibility poor. Overall this inspection was limited. The site would benefit from a follow up inspection in nicer weather so that aspects such as vegetation and soil stability can be evaluated.

The Division currently holds a financial warranty amount of \$20,545 for this site. The bond was last reviewed in 2014 with the approval of AM-2. In an effort to ensure the Financial Warranty adequately, reflects the actual current cost of fulfilling the requirements of the approved reclamation plan the Division will be updating the reclamation cost estimate. You will be notified if the current bond is found insufficient. A copy of the staff calculations will be sent under separate cover.

No problems or violations were noted during this inspection.

Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@state.co.us

**PHOTOGRAPHS**



















**Inspection Contact Address**

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Enclosure

EC: Russ Means, Senior EPS, GJFO DRMS