




**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> Rother Pit No. 1	<b>MINE/PROSPECTING ID#:</b> M-1999-083	<b>MINERAL:</b> Gravel	<b>COUNTY:</b> Cheyenne
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Elliott R. Russell	<b>INSP. DATE:</b> June 29, 2016	<b>INSP. TIME:</b> 10:00
<b>OPERATOR:</b> Cheyenne County	<b>OPERATOR REPRESENTATIVE:</b> Mike Engelbrecht	<b>TYPE OF OPERATION:</b> 110c - Construction Limited Operation	

<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> NA	<b>BOND AMOUNT:</b> NA
<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> July 28, 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>NA</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>N</u>	(BG) BACKFILL & GRADING----- <u>N</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>Y</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>NA</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <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

### **PROBLEMS/POSSIBLE VIOLATIONS**

None observed at the time of the inspection

### **OBSERVATIONS**

This inspection was conducted as part of the Division's routine monitoring program for permitted operations. The Rother Pit No. 1 is a Construction Material Limited 110c Operation Reclamation Permit with 9.9 permitted acres and an approved post mining land use of Rangeland. The mine is located approximately 15 miles northeast of Kit Carson, Colorado. Elliott Russell, with the Division, inspected the site. Mike Engelbrecht represented the Operator and accompanied the inspection. At the time of the inspection the temperature was hot, the sky was clear, and the ground was dry.

At 1000 hours, the Division met Mr. Engelbrecht at the mine site entrance along County Road 28. The mine site is 1.9 west of the entrance. The mine site identification sign was posted at the entrance and was in compliance with Rule 3.1.12(1). The permit boundary was delineated by t-posts. The site was not actively being mined during the inspection and no equipment was located on-site, however the Division observed evidence of recent mining activities. One screen and conveyor stacker was on-site at the type of the inspection.

The site consists of a single pit and is a hillside excavation. The site slopes to the west and there is a small drainage along the western permit boundary. The Operator should construct a berm across this drainage to prevent off-site sedimentation by keeping storm water within the excavated area. It was discussed that the Operator would like to use the larger rock that is screened out of the intended road base product and utilize this as a storm water berm. This would allow water to flow through the rock berm but prevent sediment from leaving the site.

This concludes the Division's Inspection Report; a subset of photographs taken during the time of the inspection are included below. If you need additional information or have any questions, please contact me at Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, by telephone at **303-866-3567 x8132**, or by email at [elliott.russell@state.co.us](mailto:elliott.russell@state.co.us).

**PHOTOGRAPHS**



Mine identification sign; looking west.



Northeast boundary marker; looking south.





Site overview; looking southwest from the northeast corner of the pit.



Active mining face along the eastern portion of the site; looking southeast.



Site overview; looking northwest from the southeast corner of the pit.

**Inspection Contact Address**

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CC: Wally Erickson; DRMS