




**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> Dill Pit	<b>MINE/PROSPECTING ID#:</b> M-2009-077	<b>MINERAL:</b> Borrow material	<b>COUNTY:</b> Elbert
<b>INSPECTION TYPE:</b> Preoperation Inspection	<b>INSPECTOR(S):</b> Peter S. Hays	<b>INSP. DATE:</b> June 30, 2017	<b>INSP. TIME:</b> 10:00
<b>OPERATOR:</b> Tracy and Ed Grimes	<b>OPERATOR REPRESENTATIVE:</b> Ed Grimes, Bruce Humphries	<b>TYPE OF OPERATION:</b> 110c - Construction Limited Impact	
<b>REASON FOR INSPECTION:</b> Pre-Operation Inspection	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$18,700.00	
<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> July 5, 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>N</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>Y</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>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</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 was a conversion application (CN-01) pre-operational inspection of the Dill Pit conducted by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS). Mr. Ed Grimes, Permittee, and Mr. Bruce Humphries with Regulatory Permits Management, Inc. were present during the inspection.

The 110 to 112 construction materials permit conversion application was received by the Division on April 4, 2017. The application was deemed complete on May 12, 2017. The Applicant published public notice as required by Rule 1.6.2(d) for four consecutive weeks. The last notice was published on June 8, 2017. The public comment period for the newspaper publication ended on June 28, 2017. No objections were received by the Division during the public comment period. The notice sign was observed during the inspection as required by Rule 1.6.2(b). The decision due date for the conversion application is August 10, 2017.

The conversion application proposes to add 9.5 acres to the approved 9.9 acre site for a total new permit acreage of 18.5 acres. The current site was inactive during the inspection. Two (2) stockpiles of material were observed on the pit floor. The west slope of the pit was mined at the required 4H:1V slope and 25 foot offset from the edge of CR 189. Topsoil was stockpiled along the west boundary of the site. Most of the stockpile was vegetated except for the recently placed stockpile in the southwest portion of the site. The southern portion of the current pit was recently stripped of overburden and topsoil ahead of mining excavation. The current pit depth was estimated at 8 to 10 feet below grade. The site is mined by a contractor for the permittee.

An entrance sign was posted and permit boundary markers were observed as required by Rule 3.1.12. No problems were noted during the inspection. The conversion areas vegetation consisted of typical rangeland grass; crested wheatgrass, blue grama, prairie sandreed and sand bluestem. Downy Broome (cheat grass), a Class C noxious weed, and Musk Thistle, a Class B noxious weed, were observed in the mine site and conversion areas. The Operator submitted a weed control management plan as part of the conversion application. Evidence of chemical weed control methods were observed during the inspection.

The current and proposed permit areas were GPS surveyed by the Division using a Trimble Juno 3B. A map of the GPS survey results are attached. The survey indicated the current pit area without the access road at 8.73 acres and the proposed permit boundary without the access road at 17.80 acres. Both acreages are similar to the current and proposed size for the site. The survey results indicate the location of the northwest corner post for the conversion area is misplaced as compared to the Mining and Reclamation Plan Maps. The Operator stated the new permit boundary markers would be installed by a professional surveyor after the conversion application was issued by the Division.

The Division currently holds a financial warranty in the amount of \$18,700.00. The required financial warranty amount will be evaluated as part of the conversion application review. Photographs taken during the inspection and the inspection map are attached. The Division's conversion application adequacy letter was sent on July 3, 2017.

## PHOTOGRAPHS



Dill Pit mine sign



Dill Pit conversion application notice sign





View of current pit looking south from the north boundary



View of current pit looking SE from the NW corner



View of the west permit boundary mined at 4H:1V final slope



View of the Phase 2 conversion area from the NE corner looking south





View of the Phase 2 conversion area from the NW corner looking south



View of the Phase 1 conversion area from the SW corner looking east



View of the Phase 1 conversion area from the south boundary looking NE



View of the Phase 1 conversion area from the SE corner looking NW

**Inspection Contact Address**

Tracy and Ed Grimes  
47570 Hwy. 24  
Limon, CO 80828

Enclosure - Inspection Map

Ec: Wally Erickson; DRMS  
Bruce Humphries; Regulatory Permits Management, Inc.