




**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> Hanna Pit No. 1	<b>MINE/PROSPECTING ID#:</b> M-2004-045	<b>MINERAL:</b> Commod_Table	<b>COUNTY:</b> Rio Grande
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Lucas West	<b>INSP. DATE:</b> February 15, 2022	<b>INSP. TIME:</b> 11:45
<b>OPERATOR:</b> Rio Grande Ranch, LLC	<b>OPERATOR REPRESENTATIVE:</b> None	<b>TYPE OF OPERATION:</b> 110c - Construction Limited Impact	
<b>REASON FOR INSPECTION:</b> High Priority	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$12,000.00	
<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> February 22, 2022	

**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>N</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>N</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>N</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	

Y = Inspected / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

## **OBSERVATIONS**

This inspection was conducted by the Division of Reclamation, Mining and Safety (Division) as a Final Revocation Inspection in response to Enforcement Actions related to MV-2021-010. The Hanna Pit No. 1 is a permitted 110(c) operation currently undergoing enforcement action, including permit revocation and forfeiture of the Financial Warranty. The site lies on private property owned and managed by the River Island Ranches subdivision. No Operator representative was present during the inspection, however Rick Hardy the President of River Island Ranches HOA accompanied the inspection. Throughout the enforcement process, no contact has been received from the Operator nor a representative. The Division currently holds \$12,000.00 in Financial Warranty for the site. A reclamation cost estimate was not performed as a result of this inspection. Six Photos accompany this report to illustrate the current site conditions.

The site was not active at the time of the inspection, and no mining related equipment or debris is located on site. The proper Mine Identification sign is not posted on site, and there are T posts around the site that appear to delineate the Permit Boundary however they are difficult to distinguish as other T posts surround the area delineating lots of the subdivision. The permit was approved for 9.89 acres, however the current disturbance totals only 3.6 acres. The intended post mining land use is listed as rangeland.

A subdivision road bisects the Permit Area and all mining efforts took place to the north of that road. Mining was conducted in a typical pit fashion resulting in a pond like depression in relation to the surrounding area. The edges of the disturbance range from approximately a 2H:1V slope to small areas of 1H:1V or steeper were observed. Examples of the sloping can be seen in Photos One and Two. The perimeter of the pit forms an undulated shape. Generally the slopes of the pit appeared stable at the time of the inspection and no significant evidence of settling, slumping or erosion was observed. The pit floor ranges in depth, from 8 feet to 15 feet at it's deepest. The deepest portion of the pit can be seen in Photo Three. Conversations with Mr. Hardy indicate that seasonally, a small groundwater expression is present in the deepest portion of the pit. At the time of the inspection, no groundwater was observed. The pit floor is not graded to create a flat bottom pit, ranging in elevation with small piles of gravel material present.

The pit floor as well as the slopes on the north side of the pit are well vegetated with volunteer vegetation including willows, some grasses and other brush. Examples of the vegetation can be seen in Photos Four and Five. The vegetation was not planted in efforts toward reclamation. Located on the south side of the subdivision road area two stockpiles that appear to be topsoil that had been stripped from the mining area and stockpiled for reclamation. The stockpiles range from approximately 6 to 12 feet tall and are partially vegetated. The stockpiles can be seen in Photo Six, and appeared stable at the time of the inspection.

The overall footprint of the site is in good condition and free from excessive trash and debris. No signs of significant erosion, settling or slumping was observed and no State Listed Noxious Weeds were noted. Following this inspection the Mined Land Reclamation Board has met and affirmed the Permit is revoked, the Financial Warranty is to be forfeit and reclamation of the site will be conducted by the Division's Inactive Mines Program. All responses to this report should be directed to Lucas West at the Colorado Division of Reclamation, Mining and Safety at Room 215, 1001 E. 62<sup>nd</sup> Ave. Denver, CO 80216. Direct contact can be made at the Division's Grand Junction Field Office, by phone at 303-866-3567 Ext. 8187 or by email at [lucas.west@state.co.us](mailto:lucas.west@state.co.us).



## **PHOTOGRAPHS**



Photo One View north, showing an example of the sloping along the eastern edge of the pit. The slope is approximately a 2H: 1V. Also visible is the varying pit floor with piles and surface expression of gravel deposits.



Photo Two: view southeast, showing the undulating pattern of the affected area along with the areas left without sloping. Though being vertical, these small areas were stable at the time of the inspection.









**Inspection Contact Address**

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