


**COLORADO**Division of Reclamation,  
Mining and Safety

Department of Natural Resources

**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> Mask Ranch Pit #2	<b>MINE/PROSPECTING ID#:</b> M-2018-015	<b>MINERAL:</b> Aggregate and grave	<b>COUNTY:</b> Archuleta
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Lucas J. West	<b>INSP. DATE:</b> May 14, 2019	<b>INSP. TIME:</b> 12:55
<b>OPERATOR:</b> Fremont Paving & Redi-Mix, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Jodi Schreiber	<b>TYPE OF OPERATION:</b> 111 - Construction by Government Agency	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$45,000.00	
<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> May 22, 2019	

**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>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</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>N</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>Y</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>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 normal monitoring program established by the Colorado Division of Reclamation, Mining and Safety. The Mask Ranch #2 Pit is a 111 Permit that is in final reclamation located in Archuleta County, approximately 1.5 Miles South of Pagosa Springs. The entrance to the site is located on County Road 119, Light Plant Road and public access to the site is controlled by a locked gate. The current land use of the property is Recreation and the area will be reclaimed to achieve a post mining land use of Recreation. By Rule, the Financial Warranty is set at a minimum of \$2,500.00 per acre for a total of \$45,000.00. On site discussions centered on the possibility of a financial warranty reduction. A reclamation cost estimate update was performed as a result of this inspection and staff calculations found the currently held financial warranty to be sufficient to achieve reclamation. If a financial warranty reduction request is received within sixty (60) days of the date of this report, this inspection and reclamation cost estimate update will serve as the financial warranty reduction inspection. Four Photos accompany this report to illustrate the current site conditions.

The site was not active during the inspection and no mining or reclamation related equipment was on site. The permit boundary was clearly marked and identified with a series of T posts and intermittent orange construction fence. The permit boundary borders delineated wetlands and it was verified by this inspection that no part of the mining or reclamation that has been completed to date has impacted any of the delineated wetlands in any way.

The mining activity has created a 3<sup>rd</sup> pond on site as approved through the original application. All grading of the pond banks and upland areas has been completed and can be seen in Photos One through Four. The grading appears to be stable and in good condition, no signs of significant settling, slumping or erosion were overserved during the inspection. All grading has configured the upland areas to have a gentle grade, approximately a 5H: 1V or shallower. The pond bank slopes have been configured to no steeper than 3H: 1V in accordance with Construction Materials Rule 3.1.5(7). The footprint of the pond consists of a gentle undulating shoreline that will assist in preventing wave erosion as well as be aesthetically pleasing. An access trail has also been left around the perimeter of the pond which can be seen in the photographs, at the request of the landowner.

The Operator has indicated the tilling, seeding and mulching portion of the reclamation will take place in the coming weeks. The site will be flown with an unmanned aerial vehicle to show the exact area to be revegetated. Revegetation and weed control is the only task that remains to complete final reclamation.

The overall footprint of the site is in good condition and free from trash and debris. No settling slumping or signs of significant erosion was noted throughout the site. No state listed noxious weeds were observed, and no problems or possible violations exist on site. All responses to this report should be directed to Lucas West at the Colorado Division of Reclamation, Mining and Safety at 1313 Sherman Street, Room 215, Denver, CO 80203, by phone at (970)-243-6368 or by email at [lucas.west@state.co.us](mailto:lucas.west@state.co.us).

### **Inspection Contact Address**

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## PHOTOGRAPHS

