




**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> Line Camp Pit	<b>MINE/PROSPECTING ID#:</b> M-2001-001	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Montezuma
<b>INSPECTION TYPE:</b> Surety-Related Inspection	<b>INSPECTOR(S):</b> Lucas J. West	<b>INSP. DATE:</b> November 9, 2017	<b>INSP. TIME:</b> 13:00
<b>OPERATOR:</b> Stone Sand & Gravel, LLC	<b>OPERATOR REPRESENTATIVE:</b> Daren Stone	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Surety Related	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$91,917.00	
<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> November 21, 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>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>N</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>	(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>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 in response to the Operators request for a financial warranty reduction SR-2. The Line Camp Pit is an active 112(c) located approximately 9 Miles Northeast of Dolores, Colorado at nearly 7220 Feet in Elevation. The permit area consists of 22.6 acres with approximately 17 acres disturbed. Some equipment was located on site was minimally active during the inspection. Daren Stone arrived near the end of the inspection. The Division currently holds \$91,917.00 in Financial Warranty for the site. Seven photos accompany this report to illustrate the current site conditions.

The proper Mine Identification signage was posted at the entrance to the site and can be seen in Photo One. The permit boundaries were clearly marked with a series of earthen berms and survey markers. The main processing and stockpile area is located near the entrance to the site. Equipment in the processing area included a loader, crusher and several conveyors. That equipment can be seen in Photo Two and the only activity taking place during the inspection was minimal loading and hauling from the stockpiles. The stockpiles of materials appear to be stable and in good condition. An example of the large stockpile can be seen in Photo Three. The area around the processing equipment is littered with scrap metal, rubber and other various debris. Discussions with the Operator indicate that a site cleanup is forthcoming. The Western permit boundary is delineated by a large earthen berm that at times has a vertical exposed face. The exposed face appears somewhat stable however the Division recommends the Operator relax the face back to a gentler slope to avoid sluffing. The berm appears to be made of topsoil material that has begun to revegetate itself with volunteer species for the time being. Two large ponds have been created by the mining activity and a third is in the process of being created. The ponds can be seen in Photos Four and Five. The grading around the ponds is sufficient in some areas along the Eastern edge of the ponds however most of the bank areas will need to be relaxed to a 3H: 1V or gentler slope to achieve final reclamation.

Similar to the grading, there are areas around the largest pond that have excellent wetland and riparian vegetation. The majority of the vegetation around the ponds, as well as the stockpiles and throughout the entire site consists of State Listed Noxious Weeds. The species of concern are Bull, Canada and Musk thistle as well as Common mullein. The weeds have occupied approximately 80-85% of the vegetated areas. This is not being cited as a problem at this time due to seasonal treatment restrictions. Examples of the populations can be seen in Photos Six and Seven. Discussions with the Operator indicate that some weed treatment had taken place on site. The Operator does have an approved weed management plan but it is proving ineffective. The Operator should coordinate with the Montezuma County weed management department to develop a targeted robust plan to combat these populations.

Due to the overwhelming weed populations on site and need for major site cleanup, Division Staff is denying the Operators request for a financial warranty reduction. Once the Operator has coordinated with the County Weed Program and gained control over these populations as well as performed an extensive site cleanup a follow up Financial Warranty Reduction may be submitted. Please see the attached SR-02 Denial Letter for details. 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.

## PHOTOGRAPHS



Photo One: View East showing the proper Mine ID signage posted at the entrance to the site.



Photo Two: View South, showing the processing and loading equipment located on site. Also visible are several stockpiles in the background.





Photo Three: View Northwest, showing one example of the large stockpiles of material on site. All stockpiles appear to be in good condition and stable.



Photo Four: View North showing the larger of the two ponds located on site. The grading along the eastern banks of the pond appears to be sufficient but the remaining banks will need to be graded to a 3h: 1V or gentler slope for reclamation.









**Inspection Contact Address**

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Stone Sand & Gravel, LLC  
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Cortez, CO 81321

Enclosure      SR-2 Denial Letter

CC:      Russ Means, Senior Environmental Protection Specialist  
         Bonnie Loving, Montezuma County Weed Manager