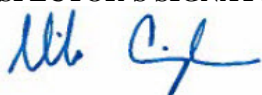


**COLORADO**Division of Reclamation,  
Mining and Safety

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> Emerald Vista Estate	<b>MINE/PROSPECTING ID#:</b> M-1994-006	<b>MINERAL:</b> Sand and Gravel	<b>COUNTY:</b> Las Animas
<b>INSPECTION TYPE:</b> Surety-Related Inspection	<b>INSPECTOR(S):</b> Michael A. Cunningham	<b>INSP. DATE:</b> April 18, 2017	<b>INSP. TIME:</b> 10:30
<b>OPERATOR:</b> Leone Sand and Gravel LLC	<b>OPERATOR REPRESENTATIVE:</b> Frank Leone	<b>TYPE OF OPERATION:</b> 110c - Construction Limited Impact	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$15,000.00	
<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> April 18, 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>N</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>N</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>N</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>	(CI) COMPLETE INSP---- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(RS) RECL PLAN/COMP-- <u>Y</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**

The inspection was conducted by Michael Cunningham of the Division of Reclamation, Mining and Safety (Division). Frank Leone Jr. was present on behalf of the Operator. The Emerald Vista Estate mine is located 4 miles east of Trinidad, Colorado in Las Animas County. The site operates under a 110 Construction Materials Reclamation Permit and is permitted for 9.4 acres of disturbance. The post-mining land use is residential.

The purpose of the inspection was to follow up on the financial warranty increase issued after the previous inspection on January 26, 2017. Following the notice of financial warranty increase, the Operator submitted a letter detailing the reclamation work which had been performed. During the previous inspection, the Operator was in the process of grading the pit slopes. The Operator has since graded the remaining highwall areas which were approximately 15 ft. in height and 300 ft. in length. All slopes have been graded to 3H:1V or flatter. In addition, all overburden and topsoil has been replaced over the graded areas. The remaining reclamation tasks include revegetation of the affected area. During the inspection, the Operator informed the Division that no additional mining would occur. Pursuant to Rule 3.1.3, all reclamation shall be carried to completion by the Operator with all reasonable diligence within five years from the date the Operator informs the Division that mining is complete.

The Division revised the financial warranty calculation, taking into account the reclamation performed by the Operator, and determined the current financial warranty of \$15,000.00 is adequate to complete reclamation at the Emerald Vista Estate mine.

This concluded the inspection.

## **PHOTOGRAPHS**



1. Reclaimed slope, photo taken facing west.



2. Reclaimed pit floor.



3. Former highwall area.



4. Overview of reclaimed site.

### **Inspection Contact Address**

Frank Leone  
Leone Sand and Gravel LLC  
2400 East Main Street  
Trinidad, CO 81082

CC: Wally Erickson, DRMS