




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.

MINE NAME: Leone Gravel Pit #2	MINE/PROSPECTING ID#: M-2006-085	MINERAL: Sand and gravel	COUNTY: Las Animas
INSPECTION TYPE: Monitoring	INSPECTOR(S): Daniel Cunningham	INSP. DATE: January 15, 2020	INSP. TIME: 13:00
OPERATOR: Leone Sand & Gravel LLC	OPERATOR REPRESENTATIVE: Frank and Wayne Leone	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$87,509.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: January 27, 2020	

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>NA</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>NA</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>NA</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>NA</u>	(ST) STIPULATIONS----- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>NA</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 routine monitoring inspection conducted at the Leone Gravel Pit #2 by DRMS representatives DJ Cunningham, Jared Ebert, and Rob Zuber. Mr. Frank Leone and Wayne Leone of Leone Sand and Gravel, LLC attended the inspection. This site is an active, 507 acre, 112c permit held by Leone Sand and Gravel, LLC (Operator). Mining activity was taking place at the time of the inspection. Approximately 45 acres of the 507 permitted area is actively being mined and another 90 acres in varying phases of reclamation at the time of the inspection.

The 90-acre on the north side of the site that was being reclaimed had a less than 3:1 slope in most areas and appeared stable. The topography of the graded area was gentle and blended well with the surrounding unaffected land. Vegetation was noted throughout the area, however it was not adequate at this time. The Operator indicated they had seeded the area several times but very little of the desired vegetation had established. It was also noted that cattle had been grazing in the area being reclaimed and it is the recommendation of the Division that efforts be made to limit the grazing on the area until desired vegetation can be established.

The site identification sign was posted and permit markers were observed to be in place throughout the entire operation. All activity appeared to be in compliance with the approved mining plan including a high wall of approximately 25 feet with a slope of 0.5:1. No issues requiring corrective action were observed during this inspection.

It was noted during the inspection that recently stripped topsoil stockpiled adjacent to the active mine area had not been stabilized with vegetation. It is the recommendation of the Division that the Leone Sand and Gravel, LLC seed the topsoil stockpile to help prevent erosion. This is in accordance with Rule 3.1.9 which states "Where it is necessary to remove overburden in order to mine the construction material, topsoil shall be removed and segregated from other spoil. If such topsoil is not replaced on a backfill area within a time short enough to avoid deterioration of the topsoil, vegetative cover or other means shall be employed so that the topsoil is protected from erosion, remains free of any contamination by toxic or acid-forming material, and is in a usable condition for reclamation."

The Division currently holds a cash bond in the amount of \$87,509.00. Based on the observations made during this inspection, the Division estimates the reclamation liability at the site to be \$157,399.00. Enclosed is a copy of the Division's reclamation cost estimate. The Division requests that the Operator review the enclosed cost estimate and forward any questions or concerns to DRMS staff by **February 10, 2020**. The Division may issue a surety increase after **February 10, 2020**. If so, the Operator will have sixty days from the date of the surety increase notice to submit the required surety increase in accordance with Rule 4.2.1(2).

PHOTOGRAPHS



Photo 1: High wall



Photo 2: Topsoil stockpile



Photo 3: Reclamation area



Photo 4: Disturbed Area

Inspection Contact Address

Frank and Wayne Leone
Leone Sand & Gravel LLC
2400 E. Main St.
Trinidad, CO 81082

Enclosure DRMS Reclamation Cost Estimate

CC: