




**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> Robinson Sons Gravel Pit No.1	<b>MINE/PROSPECTING ID#:</b> M2008-076	<b>MINERAL:</b> Sand and Gravel	<b>COUNTY:</b> Las Animas
<b>INSPECTION TYPE:</b> Aerial Inspection	<b>INSPECTOR(S):</b> Patrick Lennberg	<b>INSP. DATE:</b> January 24, 2020	<b>INSP. TIME:</b> 11:30
<b>OPERATOR:</b> Robinson Sons Inc.	<b>OPERATOR REPRESENTATIVE:</b> None	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Priority	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$52,815.00	
<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> January 28, 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>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>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>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(ST) STIPULATIONS----- <u>Y</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**

The Robinson Sons Gravel Pit No.1 was inspected by an aerial fly-over conducted by the Division of Reclamation, Mining and Safety (Division/DRMS). The inspection was completed to determine how reclamation activities were coming along as approved by the Mined Land Reclamation Board in September. The site was previously inspected, on the ground, by the Division on October 22, 2019 conducted so that the Division could evaluate the reclamation work that has been completed and to estimate the remaining liability at the site. A previous fly-over was done on December 11, 2019 and that fly-over noted that the Operator had begun grading out some of the steep slopes.

During the April 24, 2019 meeting of the Colorado Mined Land Reclamation Board (Board), Robinson was found in violation of Section 34-32.5-117(4)(c)(II) and Rule 4.2.1(2) for failure to post additional financial warranty within 60 days of the date of notice of adjustment (violation number MV-2019-005). The Board ordered permit M-2008-076 revoked and issued a cease and desist order for the operation. The Board imposed the following corrective action against Robinson:

- 1.) By July 24, 2019, advance the reclamation of affected lands as necessary to ensure sufficiency of the existing \$52,815.00 financial warranty; or
- 2.) By July 24, 2019, submit to the Division the additional financial warranty in the amount of \$120,915.00.

The Board found the financial warranty for permit number M-2008-076, in the amount of \$52,815.00 subject to forfeiture. On July 24, 2019 the Division received correspondence from Robinson documenting reclamation work that has occurred at the site since the April 24, 2019 Board meeting. In September 2019 the Board agreed to an extension to allow additional time to complete reclamation. On November 21, 2019 the signed Board Order was mailed approving the extension of time to complete reclamation to October 22, 2019. If the Operator cannot complete sufficient reclamation to reduce his reclamation financial liability to the current amount held, then the Division will be compelled to collect the current bond amount held and hold the Operator liable for the full civil penalty amount of \$64,000 determined in the Board Order signed on May 30, 2019.

Based on the recent aerial photographs taken the Operator has begun to grade the slopes and highwalls of the large rectangular pit to 3H:1V or shallower. However, there is still a large portion of the highwall along the southern border that still needs to be backfilled. A large basin has been created during reclamation efforts to the east of the rectangular pit. The Operator was told by the Division in September that this basin cannot remain and the natural drainage needs to be reestablished.

The Operator has not provided an update regarding the two basins that are holding water, mentioned in the previous reports. The Operator was seeking approval and augmentation for these basins and was waiting to hear back from the city of Trinidad in the manner.

Based on the Division's estimate, the Operator will need to continue to work on reclamation efforts to complete the majority of the required earthwork at the site (backfilling, grading and topsoiling) to reduce the reclamation liability at the site sufficiently for the current \$52,815.00 bond to be adequate.

Photographs taken during the inspection are attached.

Please contact Patrick Lennberg (303)866-3567 ext. 8114 or email at [patrick.lennberg@state.co.us](mailto:patrick.lennberg@state.co.us) if you have any questions regarding this report.

**Inspection Contact Address**

Daniel Robinson  
Robinson Sons Inc.  
1228 East 7th Street  
Trinidad, CO 81082

cc: Jared Ebert, DRMS

**PHOTOGRAPHS**





Highwalls requiring backfilling  
and grading to 3H:1V or  
shallower





Overburden stockpile needing  
grading out to 3H:1V or shallower.  
Material can be used to reclaim  
highwalls



Area that is impounding water that is not permitted to do so. Needs to be connected to the drainage downgradient. Side slopes require additional grading to achieve 3H:1V slope

Downgradient drainage







Areas requiring  
additional reclamation  
work







