




**MINERALS PROGRAM INSPECTION REPORT**  
**PHONE: (303) 866-3567**

The Division of Reclamation, Mining and Safety 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> M-2008-076	<b>MINERAL:</b> Sand and gravel and	<b>COUNTY:</b> Las Animas
<b>INSPECTION TYPE:</b> Monitoring	<b>WEATHER:</b> Clear	<b>INSP. DATE:</b> August 30, 2022	<b>INSP. TIME:</b> 10:00
<b>OPERATOR:</b> Robinson Sons Inc	<b>OPERATOR REPRESENTATIVE:</b>	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Partial Bond	<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>INSPECTOR(S):</b> Peter Hays	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> November 19, 2022	

**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>Y</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>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 / 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 Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) as part of the Division's monitoring inspection program. The site was inspected several times by the Division between 2019 and 2021 related to MV-2019-005. Mr. Daniel Robinson with Robinson Sons, Inc. was present during the inspection.

On December 21, 2018, the Division approved Amendment No. 1 (AM1) which added 102.6 acres to the 78 acre permit area for a total permit area of 180.6 acres. Map C-2, the Mining Plan map, depicts the area of affected land currently disturbed and the areas planned to be mine in the future. A copy of Map C-2 and an inspection map based on the latest available Google Earth image for the site are attached for reference.

This inspection was limited to the two (2) areas currently disturbed by mining activities, Area 1 and Area 2. The Division estimated approximately 3.2 acres are actively being mined by the Operator with 2 acres of disturbance in Area 1 and 1.2 acres in Area 2.

Area 1 is primarily used by the Operator to store equipment on the pit floor. The active mining area was observed in the southwest corner of the area with a processing plant and product stockpiles located east of the excavation. An additional highwall was observed in the southeast portion of the area. The southwest highwall was estimated at six (6) feet in height at a 1H:1V slope. The highwall was estimated to be within 20 feet of the west permit boundary. The Operator stated one (1) year of mining excavation remained in the area. As noted in previous inspection reports, the Operator has reclaimed the majority of the area by performing the required slope grading. Two (2) overburden stockpiles were observed in the northwest and southern portions of the area. A stockpile of topsoil was observed in the eastern portion of the area.

Small erosion features (rills) were observed on the reclaimed slopes in the northeast portion of the area. The approved Reclamation Plan requires the Operator to mulch and crimp the reclaimed slopes. The Division recommends the Operator mulch and crimp the reclaimed slopes to help repair and mitigate future erosion of the slopes. The vegetation on the reclaimed slopes consisted of annual weeds and sparse reclamation grasses. The Division recommends the Operator implements the approved weed control plan for the site and reseeds the reclaimed slopes to establish the required reclamation vegetation at the site.

Area 2 consists of an access road, a lower work area and an upper mining area on top of the hill. The highwall located in the southeast portion of the area was estimated at fifteen (15) feet in height at a 1H:1V slope. Equipment and material stockpiles were located north of the highwall. The Operator stated the material excavated from the area is sold as rip-rap. A topsoil stockpile was observed in the southwest portion of the area.

On September 6, 2022, the Division issued a Reason to Believe (RTB) a Violation Exists and Notice of a Board Hearing for failure to maintain the financial warranty for the entire life of the permit. The Division attempted four (4) times to verify the financial warranty held by The First National Bank in Trinidad prior to issuing the RTB letter. The current financial warranty amount required for the site is \$52,815.00. On November 7, 2022, the Operator provided a new financial warranty in form of a CD from Century Saving and Loan. The financial warranty was accepted by the Division on November 15, 2022. Therefore, the site is in compliance with CRS 34-32.5-117(6)(a) and the RTB letter was withdrawn by the Division.



Photographs taken during the inspection are attached. If you need additional information or have any questions, please contact me at the Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, by telephone at 303.866.3567 x 8124, or by email at [peter.hays@state.co.us](mailto:peter.hays@state.co.us).

**Inspection Contact Address**

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

Enclosure – Map C-2, Inspection Map

Ec: Jared Ebert, DRMS

## PHOTOGRAPHS



Robinson Pit mine sign



View of the Area 1 disturbance in the southwest corner of the area looking west





View of the Area 1 disturbance in the southwest corner of the area looking east



View of the highwall located in the southwest corner of Area 1 from the north side looking south





View of the Area 1 disturbance in the southwest corner of the area looking southeast



View of the Area 1 disturbance in the southwest corner of the area looking southwest





View of the Area 1 disturbance in the southwest corner of the area looking southwest



View of the Area 1 equipment storage area looking south





View of the Area 1 equipment storage area and highwall looking southeast



View of the Area 1 equipment storage area and highwall looking east





View of the water impoundment area located in the eastern portion of Area 1



View of Area 2 from the highwall looking west





View of Area 2 from the highwall looking north



View of the Area 2 highwall looking south







# Robinson Pit M-2008-076

August 30, 2022 Inspection Map

## Legend

- Area 1
- Area 1 Highwall
- Area 3
- Area 3 Highwall
- Overburden Stockpile
- Robinson Pit
- Topsoil Stockpile

