




**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> Williams/Illinois Gravel Pit	<b>MINE/PROSPECTING ID#:</b> M-1997-039	<b>MINERAL:</b> Gravel and sand	<b>COUNTY:</b> Jackson
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Peter S. Hays	<b>INSP. DATE:</b> August 1, 2018	<b>INSP. TIME:</b> 10:30
<b>OPERATOR:</b> High Country Hard Rock, LLC	<b>OPERATOR REPRESENTATIVE:</b> Josh Sibson	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Priority	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$40,000.00	
<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> August 16, 2018	

**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>Y</u>	(BG) BACKFILL & GRADING----- <u>N</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>Y</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 and found in compliance / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

## OBSERVATIONS

The Williams/Illinois Gravel Pit was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) as required by the Transfer of Permit and Succession of Operators process, Rule 1.12, and as a monitoring inspection. Mr. Josh Sibson with High Country Hard Rock, LLC was present during the inspection. The site was previously inspected by the Division on August 8, 2014. The Succession of Operator application (SO-01) was submitted on May 15, 2018 and was approved by the Division on August 3, 2018.

The current disturbance area was GPS surveyed by the Division with a Trimble Juno 3B during the inspection. The survey indicated a disturbance area of 17.01 acres. The Division was unable to create a map based on the GPS data due to a hardware problem with the Trimble unit.

The Division is required to recalculate the required reclamation bond within 60-days from the approval date of the succession of operator transfer. The Division currently holds a reclamation bond in the amount of \$40,000.00. No additional financial warranty will be required for SO-01.

The Williams/Illinois Gravel pit is permitted for 204.83 acres. The site was actively hauling material from the site during the inspection. A processing plant, product stockpiles and an overburden stockpile were located on the pit floor. The conversion area will be mined in 35 phases. No groundwater will be encountered during the mining operation. Mining excavation has proceeded south for the 110c area into Phase 1 of the conversion area. The pit depth was estimated at 10 feet and the pit floor was dry. The southeast corner of Phase 1 remains to be mined prior to continuing south into Phase 2. The site is currently bonded for mining activity in the original 9.99 acre site and the 5.06 acre Phase 1, for a total of 15.05 acres. As noted above, the Division's GPS survey indicated a 17.01 acre disturbance area, 1.96 acres more than currently allowed. The Operator stated the previous Operator marked the Phase 1 corners and stripped the topsoil from the phase. The Division will not pursue enforcement action for mining outside the approved disturbance area at this time. The new Operator will be required to survey the Phase 2 boundary and post the required increased financial warranty for Phase 2 prior to disturbing additional acreage. The Division calculated the required financial warranty to include Phase 2 at \$56,200.00, an increase of \$16,200.00. A copy of the estimate is enclosed.

The approved post-mining land use for the site is rangeland. The approved Reclamation Plan states the Operator will reclaim the previous mining phase as a new mining phase is started. The side slopes will be laid back by backfilling or by the cut and fill method to a 3H:1V slope prior to replacing a minimum of 8 inches of topsoil. No reclamation work has been completed since the last inspection. The reclaimed slopes in the northwest corner of the site remain vegetated by mostly annual weeds with some native grasses on the 4H:1V slope. The slopes were stable with no erosion features observed during the inspection. The topsoil and overburden stripped from Phase 1 were stockpiled along the east, west and south boundaries of the phase.

A new entrance sign was being installed at the entrance and permit boundary markers were observed as required by Rule 3.1.12.

The permit documents for the site are available on the Division's website at <http://drmsweblink.state.co.us/drmsweblink/search.aspx?dbid=0> by entering the permit number, M1997039, into the "Permit No." field located in the upper right corner of the webpage. Copies of the approved Mine Plan, Reclamation Plan and Mine Plan Map were provided to the Operator during the inspection.

**Inspection Contact Address**

Mr. Josh Sibson  
High Country Hard Rock, LLC  
725 Sandhill Cir  
Steamboat Springs, CO 80487

Enclosure - Financial Warranty Estimate for 110c, Phase 1 and Phase 2

Ec: Michael Cunningham, DRMS

## PHOTOGRAPHS



New Mine Sign



View of site from the SW corner of Phase 1 looking NE





View of site from the SW corner of Phase 1 looking east



View of site from the SE corner of Phase 1 looking NW, remaining mine area in foreground



View of site from the NE corner of Phase 1 looking west



View of site from the NE corner of the 110c pit looking south





View of site from the NE corner of the 110c pit looking SW



View of site from the NE corner of the 110c pit looking west