



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> Riley Gravel Pit	<b>MINE/PROSPECTING ID#:</b> M-1978-266	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Jackson
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Peter S. Hays	<b>INSP. DATE:</b> August 2, 2018	<b>INSP. TIME:</b> 09:00
<b>OPERATOR:</b> Jackson County	<b>OPERATOR REPRESENTATIVE:</b> Andy Norris	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	

<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$0.00
<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 10, 2018

**The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.**

**INSPECTION TOPIC:** Revegetation

**PROBLEM:** There are state listed noxious weeds present on-site. This is a problem for failure to employ weed control methods for state listed noxious weed species within the permitted area, and to reduce the spread of weeds to nearby areas as required by Rule 3.1.10(6).

**CORRECTIVE ACTIONS:** Implement the approved weed control plan and provide proof to the Division that this has been done by the corrective action date.

**CORRECTIVE ACTION DUE DATE:** 9/10/18

### OBSERVATIONS

The Riley Gravel Pit was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) as part of the Division's monitoring inspection program. Mr. Andy Norris with Jackson County was present during the inspection. The site was previously inspected by the Division on July 16, 2013.

The Riley Gravel Pit is located approximately 8 miles northwest of Gould, CO on JCR 25. The permit was converted (CN-01) from an 110c to an 112c permit on March 7, 2005 increasing the permitted acreage by 15.156 acres from 3.844 acres to 19.9 acres.

The approved mining plan allows for a maximum disturbance area of 16.5 acres with an excavation depth of approximately 70'. Overburden and topsoil will be stockpiled as mining progresses with expected overall stockpiles of 16,500 yards of overburden and 9,800 yards of topsoil. As indicated on the annual report maps from Jackson County, overburden material is stockpile between the east and west gates along the south side of the permit site. Two topsoil stockpiles are located in the southwest corner of the site and northeast of the overburden pile. The overburden and topsoil stockpiles were vegetated and no evidence of erosion was observed during the inspection. The site was mostly unchanged since the last inspection.

The site was active during the inspection. Pit run material was being excavated from the highwall in the northwest section of the pit floor and hauled off-site. Stockpiled road base material was being loaded and hauled off-site.

Canada thistle, a List B Colorado Noxious Management Association listed weed was observed on-site. Mr. Norris stated the county weed sprayer would be notified of the problem. As cited as a problem above, the Operator must implement the approved noxious weed management plan for the site and provide the Division with evidence of the weed control methods by the corrective action date.

An entrance sign was posted and permit boundary markers were observed as required by Rule 3.1.12. Photographs taken during the inspection and an inspection map created following the inspection are attached.

**Inspection Contact Address**

Andy Norris  
Jackson County  
P.O. Box 488  
Walden, CO 80480

Enclosure – Inspection Map

Ec: Michael Cunningham, DRMS

## PHOTOGRAPHS



Riley Gravel Pit mine sign



View of pit run highwall looking north





View of pit floor from west side looking east



View of recent excavation from NW corner of Phase 1 looking SW





View of site from the SW permit corner

### GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each

(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>Y</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	<b>(RV) REVEGETATION---- <u>PB</u></b>
(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









# Riley Gravel Pit

M-1978-266

August 2, 2018 Inspection

## Legend

-  Approx. Permit Boundary
-  Overburden Stockpile
-  Pit Run Excavation
-  Riley Gravel Pit
-  Roadbase Stockpile
-  Topsoil Stockpile

Riley Gravel Pit

Pit Run Excavation

Google Earth

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25

700 ft

