


**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> Bumgarner Ranches Gravel Pit	<b>MINE/PROSPECTING ID#:</b> M-1980-027	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Grand
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Peter S. Hays	<b>INSP. DATE:</b> October 3, 2018	<b>INSP. TIME:</b> 11:00
<b>OPERATOR:</b> Bumgarner Ranches, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Bud Carpenter	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	

<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$53,000.00
<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> October 16, 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:** Financial Warranty

**PROBLEM:** The financial warranty is not adequate to reclaim the site in accordance with the approved reclamation plan. This is a failure to maintain the proper financial warranty amount to complete reclamation of the affected lands pursuant to C.R.S. 34-32.5-117(4)(b) of the Act.

**CORRECTIVE ACTIONS:** The Operator shall submit adequate financial warranty, as determined by the Division, for the currently affected 21 acres. A copy of the Division's estimate is attached for review. The Division will allow the Operator 14 days to review and comment on the estimate before issuing the notice of surety increase. The Division will send a separate surety increase notice to the Operator regarding the increase of the financial warranty. The Operator will have 60 days from the date of the surety increase notice to post the additional financial warranty.

**CORRECTIVE ACTION DUE DATE:** 10/30/18

## **OBSERVATIONS**

The Bumgarner Ranches 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. Bud Carpenter with Grand Gravel Pit, LLC was present during the inspection. The site was previously inspected by the Division on July 15, 2013. The site is located approximately 4 miles east of Kremmling, Colorado on State Highway 40.

The Bumgarner Ranches Gravel Pit is permitted for 26.09 acres with a maximum disturbance of 17.0 acres. The maximum disturbance acreage was increased from 9 to 17 acres under TR-03, which was approved by the Division on November 14, 2013. The Operator committed to a phased "not to exceed" disturbance acreage of 17.0 acres in order to limit the financial warranty. The Division currently holds a financial warranty of \$53,000.00, based on 17.0 acres of disturbance.

The affected area were GPS surveyed with a Juno 3B by the Division during the inspection. A map indicating the results of the GPS survey and observations from this inspection is attached. The surveyed affected area measured 21 acres, which is greater than the approved maximum disturbance area of 17 acres. As cited as a problem, the Operator has affected more than the approved 17 acres disturbance area. The Operator must submit a technical revision to modify the Mining Plan to allow for more affected acreage and provide an updated bond calculation based on the increased affected acreage limit chosen by the Operator. The Division recommends the Operator remove the maximum allowable disturbance acreage option and bond for the entire planned disturbance acreage.

The Division estimated the cost to reclaim the current disturbance area of 21 acres at \$60,400.00, an increase of \$7,400.00. A copy of the Division's estimate is attached for review. The Division will allow the Operator 14 days to review and comment on the estimate before issuing the notice of surety increase. The Operator will have 60 days from the date of the surety increase notice to post the additional financial warranty.

The Bumgarner Ranches Gravel Pit is divided into four (4) mining phases. The mine site was active during the inspection. The processing plant was operational and material was being hauled from stockpiles on the pit floor. The highwall has advanced east into Phase 3 since the last inspection. The highwall was estimated at fifteen (15) feet high at a 0.5H:1V slope. The mining excavation has reached the stripped area boundary above the highwall. The Operator will need to strip and stockpile topsoil and overburden before mining further to the east. The sedimentation ponds were observed in the northwest corner of Phase 1. The ponds will be moved east as the mining operation moves to the east. The concrete batch plant and the associated fuel tanks observed during the last inspection have been removed from the site.

The approved post-mining land use is rangeland. Reclamation activities, highwall backfilling to 3H:1V slopes, were observed along the west, south and north boundaries of Phases 1 and 2. The recently backfilled areas had not been topsoiled or seeded. Topsoil stockpiles were located on the north and west sides of the site. The Operator was aware of a small erosion feature in the northwest corner of the site near the sedimentation ponds.

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

## PHOTOGRAPHS



Bumgarner Ranches Gravel Pit mine sign



View of the graded south highwall from the current east highwall looking west





View of the processing plant and stockpiles from the current east highwall looking west



View of the graded north highwall from the current entrance location looking west





View of current east highwall from north end looking south



View of site and sedimentation ponds from northwest corner looking southeast

## 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>PB</u>	(RD) ROADS----- <u>N</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>Y</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</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>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

### Inspection Contact Address

Bud Carpenter  
Grand Gravel Pit, LLC  
2 County Road 2  
Kremmling, CO 80459

Enclosure – 2018 Bond Estimate and inspection map






Ec: Michael Cunningham, DRMS



# Bumgarner Pit

October 3, 2018 Inspection Map

## Legend

-  Bumgarner Ranches Gravel Pit
-  Current Disturbance Boundary - 21 acres
-  Mine Sign 1
-  Overburden Stockpiles Above Highwall
-  Topsoil Stockpiles

 Bumgarner Ranches Gravel Pit

 Mine Sign 1

Google Earth

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700 ft