



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.

MINE NAME: Sheehan Pit	MINE/PROSPECTING ID#: M-2007-058	MINERAL: Sand and gravel	COUNTY: Moffat
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy C. Yeldell	INSP. DATE: July 10, 2018	INSP. TIME: 10:15
OPERATOR: C&B Sand and Gravel Inc.	OPERATOR REPRESENTATIVE: Don Corson	TYPE OF OPERATION: 110c - Construction	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$39,260.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: DRMS	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: July 19, 2018	

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>Y</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>Y</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>PB</u>	(TS) TOPSOIL----- <u>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</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>Y</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>PB</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

The following inspection topics were identified as having Problems. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS.

INSPECTION TOPIC: Acid And Toxic Materials

PROBLEM: Improper storage and containment of fuels and/or other hazardous materials was present on site. The current mining plan does not allow for fuel storage on site.

CORRECTIVE ACTIONS: All storage tanks, petroleum and any hazardous materials on site for any period of time shall have appropriate secondary containment. Please supply photo documentation that fuel containers are stored properly - including applicable secondary containment structures by the corrective action date. Additionally please revise the mining plan to address storage of fuel and other hazardous materials on site in the form of a technical revision. Note that secondary containment structures shall consist of an impermeable containment which could contain all contents of the tanks and various containers (when full) plus 10% of the total capacity.

CORRECTIVE ACTION DUE DATE: 9/17/18

INSPECTION TOPIC: Support Facilities On-site

PROBLEM: The current mine plan needs to be updated and clarified pursuant to C.R.S. 34-32.5-112 (1)(c)(VI). The current mining plan does not address support facilities that are currently on site.

CORRECTIVE ACTIONS: The operator shall submit a Technical Revision, with the required \$216 revision fee, to update and clarify the current mine plan. Specifically address support facilities on site so that the plan reflects existing and proposed activities by the corrective action date.

CORRECTIVE ACTION DUE DATE: 9/17/18

OBSERVATIONS

This inspection was conducted as part of the Colorado Division of Reclamation, Mining and Safety (Division) normal monitoring program. Don and Krissa Corson represented C&B Sand and Gravel Inc. and accompanied Amy Yeldell of the Division on the inspection. The Sheehan Pit is a 110c permitted site that includes a total of 8.76 acres in two parcels. The site located six and half mile southwest of Savory, WY and is accessed from Moffat County Road 1.

The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12. A sign is leaned up against the hill off of the county road 2. The permit boundary is delineated by painted rocks in the active mine area. The Division had difficulty identifying the painted rocks since the yellow paint has faded. The Division recommends that in the near future a more visible color is used to delineate the boundary before it becomes too difficult to distinguish.

The site was active at the time of the inspection. Two excavators were observed working. In addition a skid-steer, loader, dump truck and dozer were on site. Two small plants and several conveyors were also on site. The small shed previously on site remains and a trailer has been brought in. The current mine plan states that no office or maintenance buildings will be on site. This is cited as a problem. Please revise your mining plan to include this structure by the corrective action date.

A fuel tank on a trailer was observed on site outside of a secondary containment structure. This is cited as a problem. All fuel and other hydrocarbons should be stored in a secondary containment that is 110% of the

largest volume being store within it. Please place this tank in a secondary containment by the corrective action date. Furthermore your mining plan does not address fuels or other hazardous materials being stored on site. Please revise your mining plan to describe what materials will be stored on site and how they will be safeguarded.

The highest bench has now been excavated out to make one larger bench. The highwall berm at the top of the cut is approximately 20 feet higher than the excavated bench. A lower processing bench has been excavated approximately 40 feet up. Material from the upper bench is pushed down to the processing bench and fed into the plant. There is evidence of other benches throughout the mine however most are too narrow to traverse and have been filled with broken material.

Fine soil like material is encountered in pockets of the rock being excavated. The operator is encouraged to stockpile this material for later use as backfill and grading. This site is likely deficient of topsoil material given that it was a rock outcrop. Any finer material that could be used to support vegetation is valuable and should be stored and protected in a manner similar to topsoil.

Additional room adjacent to the county road has been cleared out for processing equipment and loading trucks. This operation is adjacent to the permit boundary. The operator is cautioned to keep their operation within the permit boundary and off of the county road. Trucks may not be loaded from the county road. A berm has been constructed parallel to the county road north of the plant to help catch any rocks that may slide from the upper bench before they hit the road. This berm is cleaned out and maintained a few times a year and seems to be effective.

The stockpiling area across the bridge remains in use. Approximately 3,000 tons has been stockpiled for the landowners use. If this material is to remain post mining a technical revision request will first need to be made to update the reclamation plan. Additional crushed material is also stored there for the operators use. Piles are stable and located within that permit boundary.

Please be aware that several requests can be made under one technical revision (TR) and the required \$216 revision fee. The TR form is attached. If multiple requests are made at one time please clearly list out each request so that they can be reviewed independently.

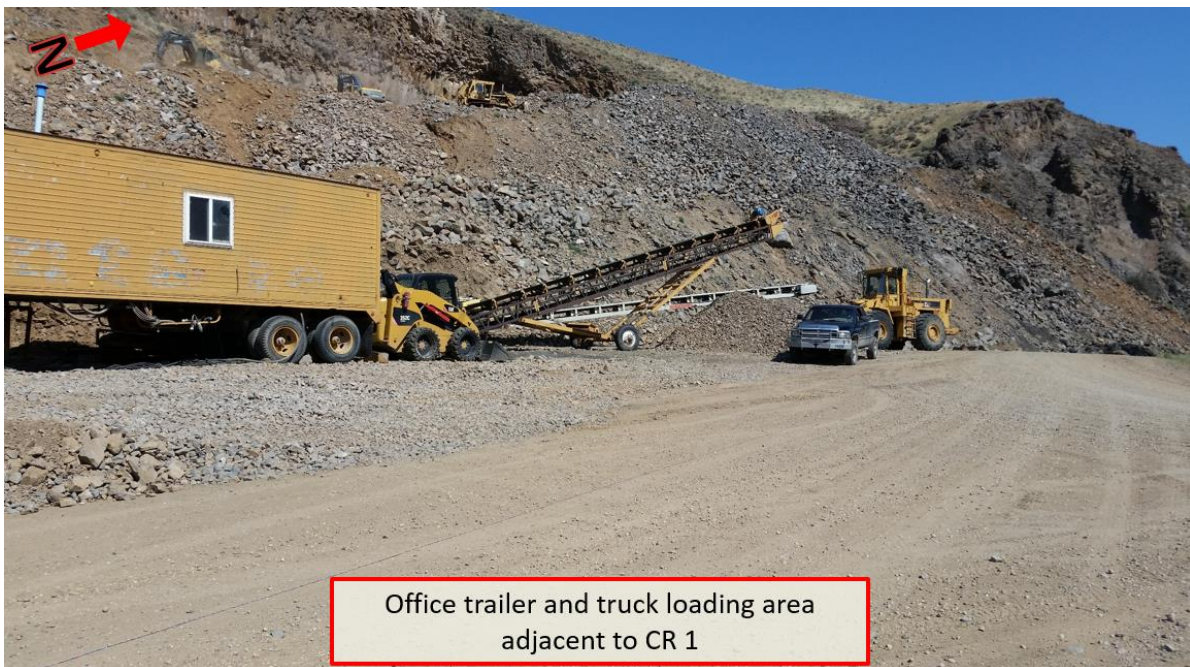
The Division currently requires a financial warranty amount of \$39,260.00 for this site. The bond was last recalculated with AM-1 in early 2016. In an effort to ensure the Financial Warranty adequately, reflects the actual current cost of fulfilling the requirements of the approved reclamation plan the Division will be updating the reclamation cost estimate. If the current bond is found to be insufficient the Division will send a Notice of Surety Increase under a separate cover.

Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@state.co.us

PHOTOGRAPHS











Inspection Contact Address

Don Corson
C&B Sand and Gravel Inc.
PO Box 147
Baggs, WY 82321

Enclosure

EC: Wally Erickson, Senior EPS, Grand Junction DRMS