




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: West Rifle Pit	MINE/PROSPECTING ID#: M-1981-006	MINERAL: Sand and gravel	COUNTY: Garfield
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy C. Yeldell	INSP. DATE: January 23, 2018	INSP. TIME: 15:00
OPERATOR: Central Aggregates, Inc.	OPERATOR REPRESENTATIVE: Bill Lee	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$40,834.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS:	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: January 30, 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>Y</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</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>Y</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>Y</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</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

This inspection was conducted as part of the Colorado Division of Reclamation, Mining and Safety (Division) normal monitoring program. The West Rifle Pit is a 112c permitted site that includes a total of 29.39 permitted acres. This site is in western Rifle, Colorado in Garfield County and is accessed from Highway 6. Bill Lee with Central Aggregates, Inc. represented the operator and accompanied Amy Yeldell of the Division conducted the inspection.

The mine identification sign and affected area boundary markers remain in place and in compliance with Rule 3.1.12. The mine identification sign is fastened to the gate at the site entrance. A fence encloses the majority of permit area boundary and flagging delineates the new AR-2 boundary along the southern edge. The Division recommends that more permanent monuments such as T-post are installed to formally delineate the current permit boundary.

The majority of the inspection was spent discussing how DRMS operates, what actions may be done under specific revisions, how the bonds are calculated, annual reports, etc. Mr. Lee has acquired control of this site with the passing of his father, so it was good to review everything with him in person. The Division gave suggestions for documentation and resources for noxious weed management. A significant amount of time was spend on bonding. Phased mining to limit liability was evaluated as well as potential technical revisions and their impacts to the bond.

The majority of the site remains unchanged from the previous inspection. The eastern half of parcel B is still being used to store processed materials, topsoil and equipment. The office building, scale and two shops remain. As well as fuel tanks located within a concrete secondary containment structure. Evidence of noxious weeds were observed however the operator has been diligently treating them and slowly making headway.

Mining has completed in the main lake. A small portion of the shoreline in Parcel D still needs to be graded and vegetated. There is some volunteer vegetation. If the slope with volunteer vegetation meets the reclamation requirements then no additional work will be required in that area. For all other areas where vegetation has not colonized, the slopes will need to be reduced, covered with topsoil then seeded.

Mining is now being conducted only in Parcel B. The current excavation is approximately 20 ft. deep, and 100 ft. by 100 ft. wide. The excavated material is then separated with the cobble being extracted and fines placed next to the hole to be backfilled at a future date. The plant is located in parcel B. No new lakes or ponds will remain post mining, only the large original lake will remain.

No future mining will occur in Parcel D or E. Parcel E still has a few stockpiles that will need to be removed prior to reclamation. Additionally a portion of it is being used to store miscellaneous materials which will also need to be removed. The small portion of parcel D that remains permitted is disturbed but is primarily used for the boat house. Given that the post mining land use is recreation/ commercial industrial there is minimal reclamation remaining in this area.

The operator mentioned a desire to leave the buildings post mining. Under the approved post-mining land use this is permissible. In order to do this a technical revision (TR) is required. Please complete the attached form with the required \$216 revision fee. In the description please state which structures you would like to leave

and how they will support the post mining land use. If necessary for clarification include a map with the structures labeled. Furthermore the original application never stated how much land/which areas would be recreation verses commercial industrial. The Division requests that the operator provide this information prior to any future areas being released. This clarification would be best submitted via a TR.

The annual report submitted in 2017 depicts areas that were released in 2015 and no longer represents the current permit boundary. For 2018 please submit a site map that depicts the 29.39 acre boundary. It is only necessary to report the current report year's data/progress. In addition to the annual report form the operator may wish to submit additional information for clarification via a separate letter.

The operator is reminded of the Divisions policy that reclamation needs a minimum of 2 growing seasons before it can be evaluated for release. This helps the Division ensure that vegetation is sustainable. In some cases vegetation may be deemed adequate sooner or in arid or challenging areas it may require more time.

The Division currently requires a financial warranty amount of \$40,834 for this site. The bond was last updated in 2012 with the approval of SI-1. 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. A copy of the staff calculations will be sent under 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



Stockpiled material stored in the eastern portion of parcel B







Inspection Contact Address

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Enclosure

CC:
Russ Means, Senior EPS, Grand Junction DRMS