



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: BLM West Gravel Pit	MINE/PROSPECTING ID#: M-2006-060	MINERAL: Sand and gravel	COUNTY: Jackson
INSPECTION TYPE: Monitoring	INSPECTOR(S): Peter S. Hays	INSP. DATE: August 2, 2018	INSP. TIME: 13:00
OPERATOR: Jackson County	OPERATOR REPRESENTATIVE: Andy Norris	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$0.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: U.S.BLM	JOINT INSP. AGENCY: U.S.BLM
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: 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 approved weed control plan and provide proof to the Division that this has been done by the corrective action due date.

CORRECTIVE ACTION DUE DATE: 9/10/18

OBSERVATIONS

The BLM West 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 and Mrs. Jessica Lopez-Pearce with BLM were present during the inspection. The site was previously inspected by the Division on September 16, 2015.

The BLM West Gravel Pit is permitted for 83 acres of disturbance. The site was inactive during the inspection. The Operator stated 300 cubic yards of material was mined in August 2017. The site appeared mostly

unchanged, but evidence of the 2017 mining activity was observed. Two (2) stockpiles of road base material were located in the north portion of Phase 1. The stockpiled material is used as needed for the county roads in the area. The mining disturbance at the site consisted of an eight foot deep excavation in the middle of the first phase. Mining is occurring from north to south in Phase 1, which differs from the south to north mining direction in the approved Mine Plan. Mining will continue to the north after the first phase is complete. The required 100 foot offset from the power lines was observed during the inspection.

The Phase 1 mining boundary and the excavation area were GPS surveyed by the Division with a Trimble Juno 3B during the inspection. The survey indicated Phase 1 is 15.61 acres, which exceeds the maximum 10 acres of active pit in the approved Mine Plan and 7.02 acres have been excavated in Phase 1. The Division was unable to create a map based on the GPS data due to a hardware problem with the Trimble unit, however a Google Earth based map is attached.

Halogeton, a List C Colorado Noxious Management Association listed weed was identified by Mrs. Lopez-Pearce during the inspection. 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.

The approved post-mining land use is rangeland. No reclamation activities have occurred at the site. A well-vegetated stockpile of topsoil was located along the eastern fence line in Phase 1. All available topsoil has been removed from the first phase, except for a small area in the southeast corner of Phase 1. The approved reclamation plan states the pit will be graded to 3H:1V slopes, 6 inches of topsoil will be replaced and the site will be revegetated with an approved BLM seed mixture.

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.

Inspection Contact Address

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

Ec: Michael Cunningham, DRMS

PHOTOGRAPHS



BLM West Gravel Pit mine sign



View of site from NE corner of Phase 1 looking SW



View of mining extraction and stockpile area from the SW corner of the excavation area



View of mining extraction and stockpile area from the south end of the excavation area

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

BLM West Gravel Pit

M-2006-060

August 2, 2018 Inspection

Legend

-  2017 Excavtion Area
-  Approx. Phase 1 Permit Boundary
-  BLM West Gravel Pit
-  Extraction Area
-  Roadbase Stockpiles
-  Topsoil Stockpile

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BLM West Gravel Pit 

Google Earth

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600 ft

