


**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 East Gravel Pit	MINE/PROSPECTING ID#: M-1977-472	MINERAL: Sand and gravel	COUNTY: Jackson
INSPECTION TYPE: Monitoring	INSPECTOR(S): Peter S. Hays	INSP. DATE: August 2, 2018	INSP. TIME: 11:00
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 East 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 July 16, 2013.

The BLM East Gravel Pit is located approximately 4.5 miles east of Walden, CO north of the intersection of HWY 14 and JCR 12D. The permit was converted (CN-01) from an 110c to an 112c permit on March 7, 2005 increasing the permitted acreage from 6 acres to 32.25 acres.

The approved mining plan for the BLM East Gravel pit allows for a maximum disturbance area of 30 acres with a maximum excavation depth of 20 feet. Overburden and topsoil will be stockpiled as mining progresses with expected overall stockpiles of 41,300 cubic yards of overburden and 19,500 cubic yards of topsoil. Approximately, 4,700 cubic yards of topsoil will be imported to complete reclamation.

The site was not active during the inspection. Mining excavation in the peninsula section located in the northwest section of the permit was most recently mined. Topsoil was stripped ahead of mining excavation and stockpiled along the permit boundary. Mining excavation will continue towards the west in the peninsula section and be reclaimed concurrently. A processing plant and material stockpiles were located on the pit floor.

The current disturbance area was GPS surveyed by the Division with a Trimble Juno 3B during the inspection. The survey indicated a disturbance area of 12.4 acres. 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 for the site is rangeland. The reclamation of the old access road is complete. The road surface was vegetated by sagebrush and appeared stable. The imported topsoil stockpile remains in the southwest corner of the site. The topsoil and overburden stockpiles were signed accordingly, well-vegetated and stable. The approved reclamation plan states the slopes will be graded to 3H:1V to 4H:1V slopes, 12 inches of topsoil will be replaced and the site will be revegetated with the approved BLM seed mixture.

Photographs taken during the inspection are attached.

Inspection Contact Address

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

Enclosure – Inspection Map

Ec: Michael Cunningham, DRMS

PHOTOGRAPHS



BLM East Gravel Pit mine sign



View of recent mining excavation and pit floor looking east



View of site from south end looking north



View of the site from the SE corner looking west



View of site from the north end looking SE



View of site from the north end looking SW



View of site from the NW corner looking SE



View of current and reclaimed road (to left) looking west

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>Y</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>PB</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>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 East Gravel Pit

M-1977-472

August 2, 2018 Inspection

Legend

-  Approx. Permit Boundary
-  BLM East Gravel Pit
-  Disturbance Boundary - 12.4 Acres
-  Overburden Stockpile
-  Recent Mining Excavation Area
-  Reclaimed Access Road
-  Topsoil Stockpile

Recent Mining Excavation Area

BLM East Gravel Pit

Google Earth

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900 ft

