




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: Jarnagin Pit	MINE/PROSPECTING ID#: M-2018-022	MINERAL: Clay, sand, gravel	COUNTY: Kit Carson
INSPECTION TYPE: Monitoring	INSPECTOR(S): Elliott R. Russell	INSP. DATE: April 30, 2019	INSP. TIME: 10:40
OPERATOR: Kit Carson County	OPERATOR REPRESENTATIVE: Dave Hornung	TYPE OF OPERATION: 110c - Construction Limited Impact	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: NA
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: June 26, 2019

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected. 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>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>N</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>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</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

PROBLEMS/POSSIBLE VIOLATIONS

The Division observed structures located within 200 feet of the permit boundary which were not accounted for in the permit application. State Highway 59 and its associated ROW fence, as well as, a buried fiber optic line along the west side of the highway are all within 200 feet of the affected lands and require compliance with Rule 6.3.12. On June 13, 2019, prior to the Division issuing this inspection report, the Operator complied with the compliance problems identified and discussed during the inspection. This problem has been resolved.

OBSERVATIONS

This inspection was conducted as part of the Division's routine monitoring program for permitted operations. Elliott Russell, with the Division, conducted the inspection while Dave Hornung, representing the Operator, accompanied the inspection.

The Jarnagin Pit is a Construction Material Limited 110c Operation Reclamation Permit and is approved to affect 9.9 acres of land. Affected lands will be reclaimed to support a pastureland post-mining land use. The site is located in Kit Carson County, approximately 14 miles south of Seibert, Colorado.

The Division met Dave Hornung at the mine site entrance located on the west side of State Highway 59 across from County Road E. The site was not active at the time of the inspection, however the Division observed evidence of recent mining activity.

The site consists of a single pit which daylights to the north and has small mining faces on the west, south, and east sides. Mining slopes were gentle with a slope of approximately 3H:1V. The pit was currently 5-10 feet deep. A product stockpile was located northeast of the pit.

Availability Of Records: The anniversary date of the permit is September 9th of each year. The permit was issued on September 9, 2018 and therefore, there has not been a submittal of the first Annual Report, Map and Fee yet. This was the site's first inspection and therefore, there are no open infractions.

Hydrologic Balance: No captured storm water nor exposed groundwater was observed during the inspection.

Gen. Compliance With Mine Plan: The operation appeared to be in compliance with the approved mine plan.

Sediment Control: No erosion problems were observed and no BMPs are needed at this time.

Signs and Markers: The permit sign was properly posted and boundary markers delineated the permit boundary.

Topsoil: Topsoil had been stripped from the mining areas and stockpiled northwest of the pit. There appears to be sufficient topsoil stockpiled at the site to complete reclamation. The Operator is reminded that if this topsoil is not placed back on the affected lands for reclamation within 180 days, it will need to be seeded pursuant to Rule 3.1.9(3) to protect it from wind and water erosion. The Operator may want to develop an "active face" to this stockpile where future loading of additional topsoil can occur and seed the remainder of the stockpile to stabilize it.

This concludes the Division's Inspection Report; a subset of photographs taken during the time of the inspection are included below. If you need additional information or have any questions, please contact me at Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, by telephone at **303-866-3567 x8132**, or by email at elliott.russell@state.co.us.

PHOTOGRAPHS



Photo 1. Mine identification sign; looking west.

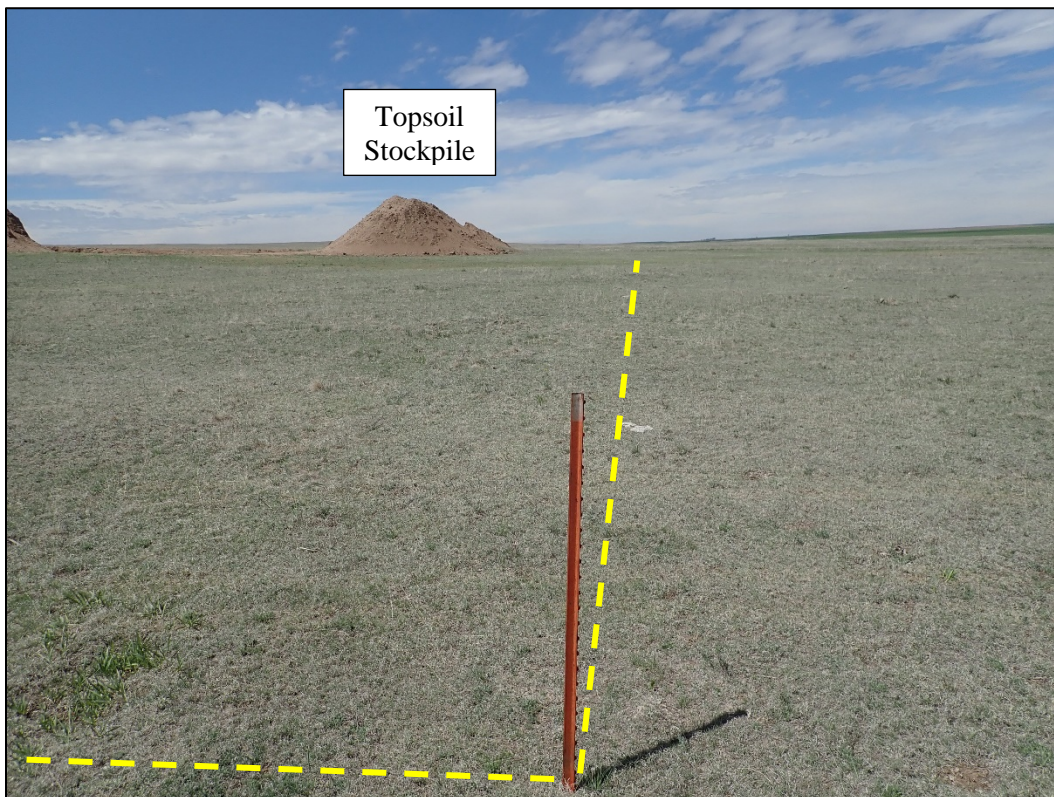


Photo 2. Northeast boundary marker, permit boundary approximated by yellow-dashed line; looking west.

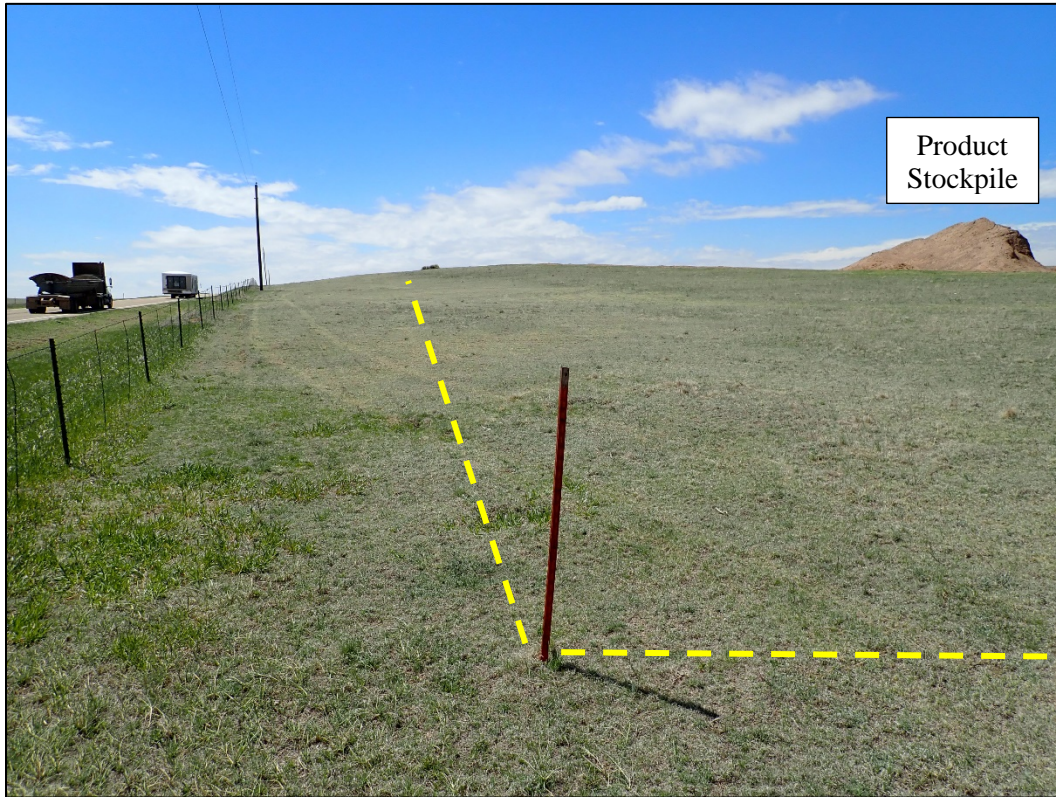


Photo 3. Northeast boundary marker, State Highway 59 on left, permit boundary approximated by yellow-dashed line; looking south.



Photo 4. Southeast boundary marker, permit boundary approximated by yellow-dashed line; looking north.

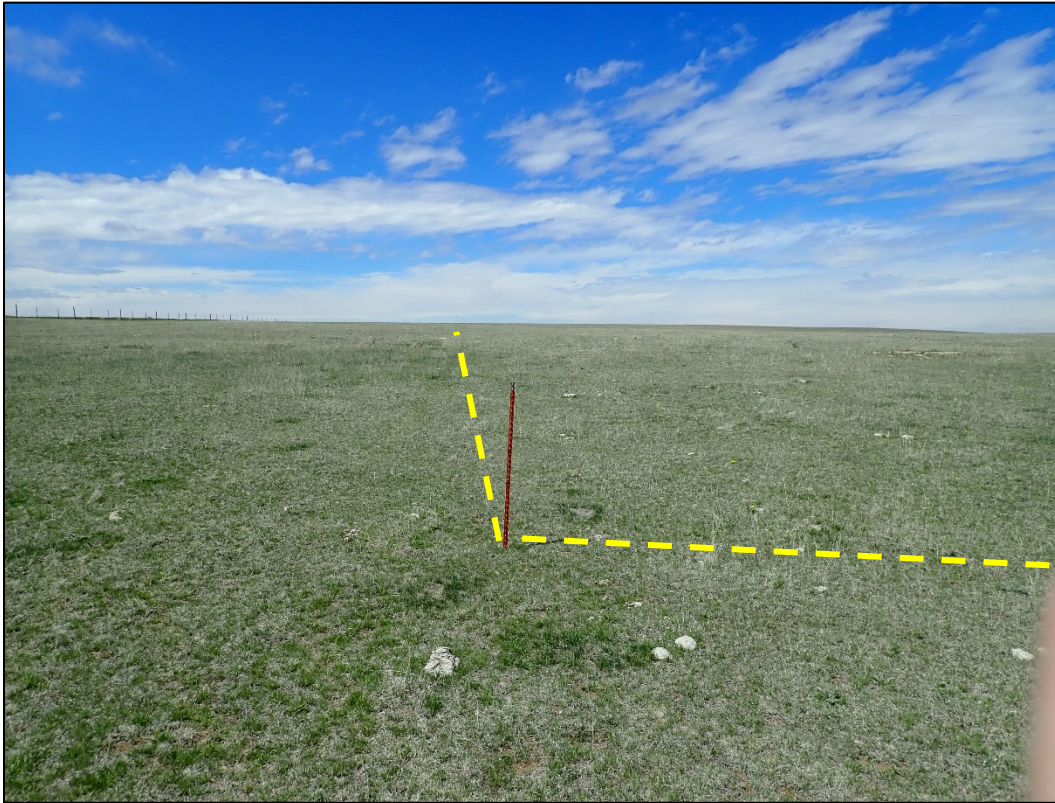


Photo 5. Southeast boundary marker, permit boundary approximated by yellow-dashed line; looking west.



Photo 6. Southwest boundary marker, permit boundary approximated by yellow-dashed line; looking east.

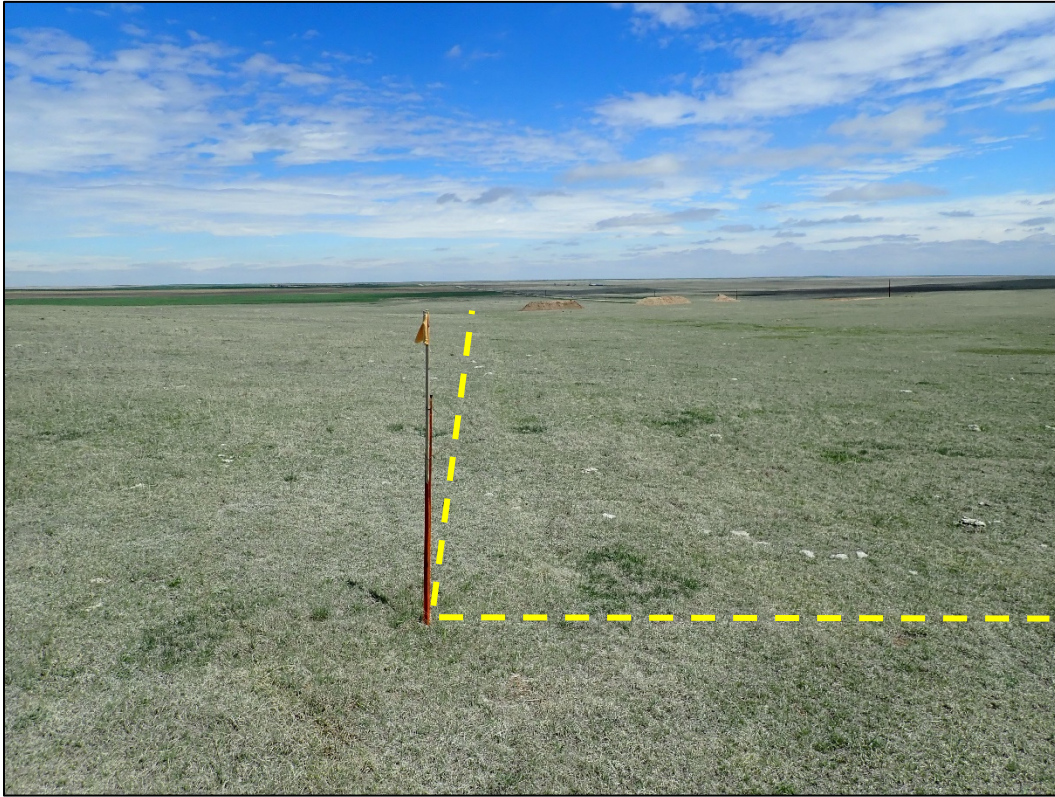


Photo 7. Southwest boundary marker, permit boundary approximated by yellow-dashed line; looking north.

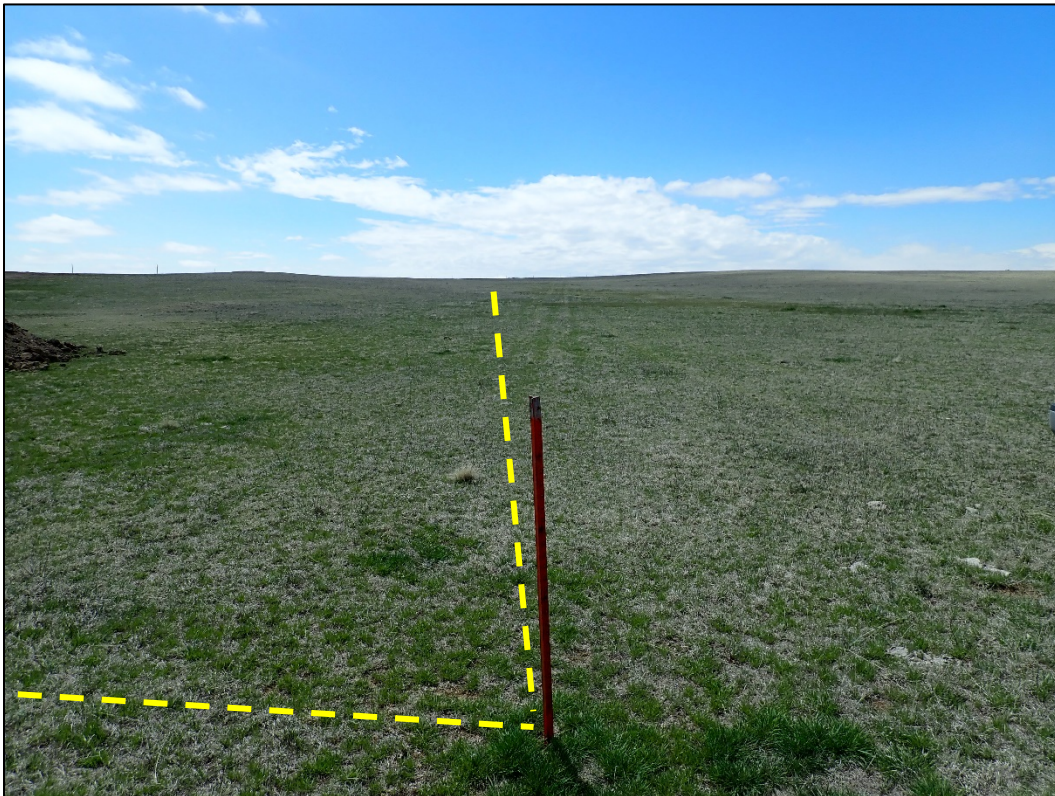


Photo 8. Northwest boundary marker, permit boundary approximated by yellow-dashed line; looking south.

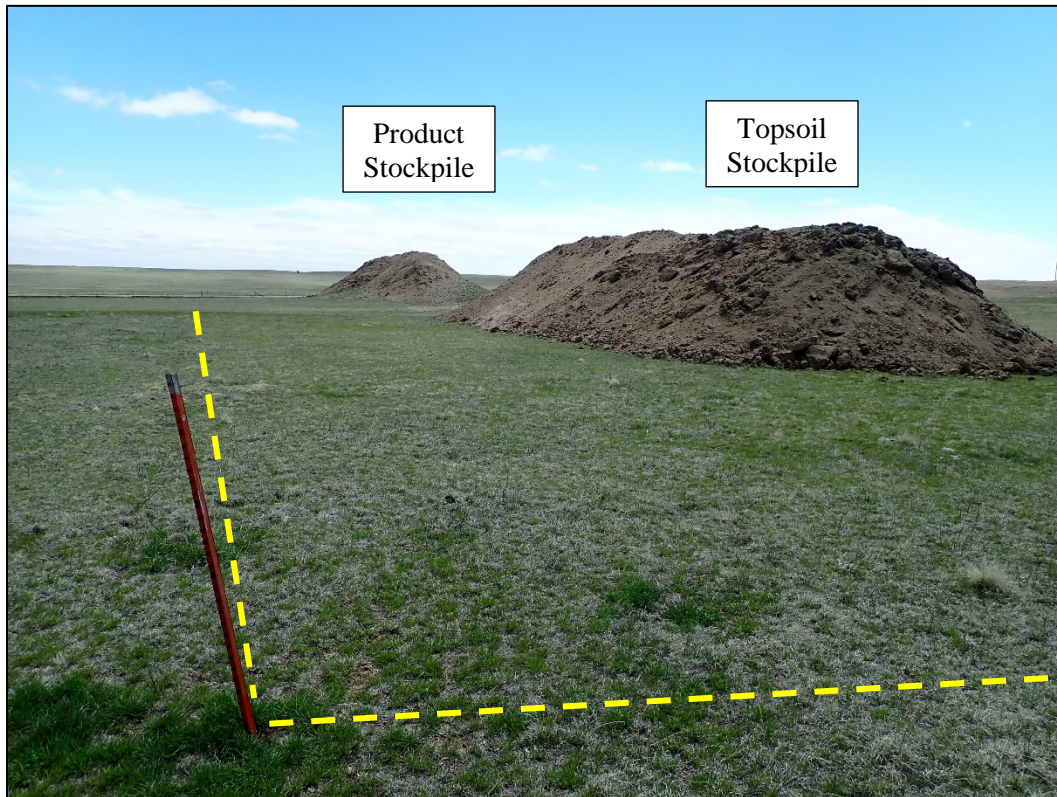


Photo 9. Northwest boundary marker, permit boundary approximated by yellow-dashed line; looking east.



Photo 10. Pit area; looking southeast.



Photo 11. Product stockpile; looking northeast.

Inspection Contact Address

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CC: Michael Cunningham with DRMS