




**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.

<b>MINE NAME:</b> Carper Pit #2	<b>MINE/PROSPECTING ID#:</b> M-2008-072	<b>MINERAL:</b> Gravel, clay, sand	<b>COUNTY:</b> Phillips
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Elliott R. Russell	<b>INSP. DATE:</b> January 16, 2019	<b>INSP. TIME:</b> 14:00
<b>OPERATOR:</b> Tim Carper	<b>OPERATOR REPRESENTATIVE:</b> Doug Carper	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	

<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$21,500.00
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None
<b>WEATHER:</b> Cloudy	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> January 28, 2019

**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.**

**GENERAL INSPECTION TOPICS**

The following list identifies the environmental and permit parameters inspected

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>PB</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>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>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**

**INSPECTION TOPIC:** Hydrologic Balance

**COMPLIANCE PROBLEM #1:** A fuel/oil spill has occurred at the site which has impacted soils, surface water or groundwater.

**CORRECTIVE ACTIONS:** The operator shall immediately remediate the spill and submit a final report to the Division containing at least the following information:

- 1.) A description of how the spill was cleaned up (narrative, maps, volumes removed, sample locations, analytical data, photo documentation, etc.)
- 2.) Evidence in the form of a receipt that the contaminated soil was disposed of by an approved method (such as sent to an approved landfill, land farming, recycling center, etc.).

**CORRECTIVE ACTION DUE DATE:** February 27, 2019

## **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 Doug Carper, representing the Operator, accompanied the inspection.

The Carper Pit #2 is a Construction Material Regular 112c Operation Reclamation Permit and is approved to affect 42.7 acres of land. Affected lands will be reclaimed to support a rangeland post-mining land use. The site is located approximately 8 miles northeast of Haxtun, Colorado.

The Division met Doug Carper at the mine site entrance on the south side of Phillips County Road 44 (also Sedgwick County Road 2), approximately ½ mile west of State Highway 59. The site was not active at the time of the inspection, however, the Division observed evidence of recent activity. Equipment on the site consisted of two front-end loaders.

Availability Of Records: Annual fees are paid through March of 2018. The electronic annual report, map, and fee for next anniversary date is due no later than March 2, 2019. The previous inspection was on October 14, 2015. There are no open infractions.

Financial Warranty: The Division reviewed the financial warranty held for the site, which was last reviewed and updated following TR-01 in 2016. The \$21,500 bond held by the Division is adequate for the observed mine disturbance. This bond covers the liability of Tract 2 and 5A, totaling 11.9 acres in size.

Hydrologic Balance: No standing water or exposed groundwater was observed in the pit. During the inspection, the Division observed that a small fuel/oil spill occurred in the southern portion of Tract 2. The Division estimates the spill has impacted less than 1 cubic foot of contaminated soil. This has been cited as Compliance Problem #1 requiring the Operator to remediate the spill.

Gen. Compliance With Mine Plan: The operation appeared to be in compliance with the approved mine plan. Google Earth and site observations were used to measure the disturbed area, which was estimated to be approximately 11 acres. Mining slopes and active digging faces were estimated to vary between 15 and 20 feet in high and appeared stable.

Off-site Damage: The operation appeared to be confined to the permit boundary.

Sediment Control: No erosion problems were observed and no BMPs were needed at the time of the inspection. The Division recommends the Operator monitor the erosion gulley developing in the northeast corner of the pit to ensure this feature does not advance off-site.

Signs and Markers: The permit sign was properly posted and boundary markers were observed to delineate the permit boundary and the bonded mining tracts.

Topsoil: The Division observed a long topsoil stockpile located along the northern and eastern edges of the mining area. This stockpile was well vegetated.

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**

### **PHOTOGRAPHS**



**Photo 1.** Mine identification sign; looking south.





**Photo 2.** Track 2 pit overview; looking south.



**Photo 3.** Track 5A pit overview; looking southwest.





**Photo 4.** Small oil spill observed; looking northeast.



**Photo 5.** Topsoil stockpile along northern portion of Tract 2; looking southwest.



**Photo 6.** Topsoil stockpile along western portion of Tract 5A; looking south.

**Inspection Contact Address**

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Haxtun, CO 80731

CC: Michael Cunningham with DRMS