




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: Falk Pit #1	MINE/PROSPECTING ID#: M-2010-043	MINERAL: Clay, gravel, sand	COUNTY: Phillips
INSPECTION TYPE: Monitoring	INSPECTOR(S): Elliott R. Russell	INSP. DATE: January 16, 2019	INSP. TIME: 11:00
OPERATOR: Chamberlain Concrete	OPERATOR REPRESENTATIVE: Mike Kerbs	TYPE OF OPERATION: 110c - Construction Limited Impact	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$30,800.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: 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>PB</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

INSPECTION TOPIC: Signs & Markers

COMPLIANCE PROBLEM #2: The mine identification sign was not correctly posted at the entrance of the mine site. This is a problem for failure to post a mine identification sign as required by Rule 3.1.12(1).

CORRECTIVE ACTIONS: The operator shall submit photo documentation showing a sign posted at the entrance to the mine site, which shall be clearly visible from the access road, specifying the following:

- the name of the operator
- indicate that a reclamation permit for the operation has been issued by the Colorado Mined Land Reclamation Board
- the permit number

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 Mike Kerbs, representing the Operator, accompanied the inspection.

The Falk Pit #1 is a Construction Material Regular 110c Operation Reclamation Permit and is approved to affect 9.9 acres of land. Affected lands will be reclaimed to support a wildlife habitat post-mining land use. The site is located approximately 11 miles south-southeast of Haxtun, Colorado.

The Division met Mr. Krebs at the mine site located on the west side of County Road 11, approximately 1 mile north of County Road 6. The site was not active at the time of the inspection nor was there any equipment located on-site, however, the Division observed evidence of recent activity.

Availability Of Records: Annual fees are paid through September of 2018. The electronic annual report, map, and fee for next anniversary date is due no later than September 22, 2019. The previous inspection was on November 3, 2014. There are no open infractions.

Financial Warranty: The Division reviewed the financial warranty held for the site, which was last reviewed and updated following the previous inspection. The \$30,800 bond held by the Division has been determined to be adequate for the observed mine disturbance.

Hydrologic Balance: The site is located on the inside of a small meander along Patent Creek, an ephemeral channel, which was not flowing at the time of the inspection. Some small areas within the excavation areas

contained frozen water, however this is likely captured snow melt. When the site thaws, the Operator shall ensure all captured storm water infiltrates or is allowed to continue down the creek within 72 hours to comply with Division of Water Resources regulations. During the inspection, the Division observed that a small fuel/oil spill occurred in the northern portion of the permit. 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 5 acres.

Sediment Control: No erosion problems were observed and no BMPs were needed at the time of the inspection.

Signs and Markers: The permit sign was posted at the entrance to the site, however, needs to be updated to reflect the current Operator. This has been cited as Compliance Problem #2 requiring the Operator to post a new sign or update the existing sign. The permit boundary was delineated with t-posts.

Topsoil: The Division observed several topsoil stockpiles around the site which appeared well vegetated and stable.

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 west.



Photo 2. Northern portion of the site; looking east.



Photo 3. Western portion of the site; looking southwest.



Photo 4. Southeast portion of the site; looking northeast.



Photo 5. Northeast portion of the site; looking southwest.



Photo 6. Small oil/fuel spill observed; looking south.

Inspection Contact Address

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