




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: Pheasant Run Gravel Pit	MINE/PROSPECTING ID#: M-2007-069	MINERAL: Gravel, sand, borrow	COUNTY: Pueblo
INSPECTION TYPE: Monitoring	INSPECTOR(S): Elliott R. Russell	INSP. DATE: March 1, 2017	INSP. TIME: 11:00
OPERATOR: Tony J. Beltramo and Sons, Inc.	OPERATOR REPRESENTATIVE: Alan Thorson	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$74,895.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: July 24, 2017

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

ACID OR TOXIC MATERIALS	<u>PB</u>	FISH AND WILDLIFE	<u>Y</u>	ROADS	<u>Y</u>
AVAILABILITY OF RECORDS	<u>Y</u>	HYDROLOGIC BALANCE	<u>Y</u>	PERMIT STIPULATIONS	<u>NA</u>
BACKFILL AND GRADING	<u>Y</u>	GEN COMP WITH MINE PLAN	<u>Y</u>	SEDIMENT CONTROL	<u>Y</u>
COMPLETE INSPECTION	<u>Y</u>	OFF-SITE DAMAGE	<u>NA</u>	SIGNS AND MARKERS	<u>Y</u>
EXCESS SPOIL/DEV. WASTE	<u>N</u>	PROCESSING WASTE	<u>N</u>	STORM WATER MGT PLAN	<u>N</u>
EXPLOSIVES	<u>N</u>	RECLAMATION SUCCESS	<u>N</u>	SUPPORT FACILITIES	<u>N</u>
FINANCIAL WARRANTY	<u>Y</u>	REVEGETATION	<u>PB</u>	TOPSOIL	<u>Y</u>

Y = Inspected / N = Not inspected / NA = Not applicable to this operation / **PB = Problem cited** / PV = Possible violation cited

PROBLEMS/POSSIBLE VIOLATIONS

INSPECTION TOPIC: Acid And Toxic Materials

COMPLIANCE PROBLEM #1: Improper storage and containment of fuels and/or other hazardous materials was present on site.

CORRECTIVE ACTIONS: All storage tanks, petroleum and any hazardous materials on site for any period of time shall have appropriate secondary containment. The site will also have to comply with all applicable SPCC requirements. Please supply photo documentation that any fuel or hazardous materials containers are stored properly - including applicable secondary containment structures by the corrective action date. Note that secondary containment structures shall consist of an impermeable containment which could contain all contents of the tanks and various containers (when full) plus 10% of the total capacity. The operator may also provide photo documentation that all containers have been removed from the site on or before the corrective action date.

CORRECTIVE ACTION RESOLVED ON: March 17, 2017

INSPECTION TOPIC: Revegetation

COMPLIANCE PROBLEM #2: Tamarisk (salt cedar) trees are present within or have volunteered into the permit area and are becoming established. This is a problem for failure to employ weed control methods for a 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: The operator shall implement the existing weed control plan and provide proof of implementation.

CORRECTIVE ACTION DUE DATE: September 22, 2017

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 and Alan Thorson, representing the Operator, accompanied the inspection.

The Pheasant Run Gravel Pit is a 112c Operation and is approved to affect 92.7 acres of land. Affected lands will be reclaimed to support rangeland post-mining land use. The site is located approximately 12 miles east-southeast of Avondale in Pueblo County

The Division met Mr. Thorson at the mine site entrance on the west side of Nepesta Road, 700 feet north of US Highway 50. The site consists of two areas on either side of the Highline Canal. Older mining areas (see **Photos 1 & 2**), which could be best described as terrace excavations, are along the north/east side of the canal and the newer, more active, pit (see **Photos 3 & 4**) on the south/west side of the canal. A small temporary bridge spans the canal to access the active pit (see **Photo 5**). The site was not active at the time of the inspection, however, there was evidence of recent activity. Equipment on the site consisted of a front-end loader.

Acid Or Toxic Materials: A diesel fuel storage tank was located on-site over a lined and bermed secondary containment (see **Photo 6**). Two 55 gallon drum of hydraulic fluid were located on-site, but not stored within a secondary containment structure nor appeared to be double walled (see **Photo 7**). This is cited as Compliance Problem #1 on page two of this report. On March 17, 2017, the Division received photo documentation and a statement from the Operator that the drums were removed from the site, resolving the compliance problem.

Availability Of Records: Annual fees are paid through July 2017. The previous inspection was on September 27, 2012. There are no open infractions.

Complete Inspection: The entire permit area was inspected.

Financial Warranty: The \$74,895 bond held by the Division is adequate for the observed mine disturbance.

Hydrologic Balance: No standing water was observed in the pit and no exposed groundwater was observed.

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

Revegetation: Tamarisk (salt cedar) trees were observed on the older portion of the site (see **Photos 8 & 9**). This is a noxious weed List B species which will need to be controlled in accordance to the approved weed control plan within the 2007 permit application materials. This is cited as Compliance Problem #2 on page two of this report.

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 properly posted at the entrance to the site (see **Photo 10**). Boundary markers, delineating the permit boundary, were all observed in place.

Topsoil: Various topsoil stockpiles were located around the site and appeared to be adequate to complete reclamation.

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.

Inspection Contact Address

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CC: Wally Erickson with DRMS

PHOTOGRAPHS



Photo 1. Older portion of site; looking northwest.



Photo 2. Older portion of site; looking south.



Photo 3. Newer portion of site; looking east.



Photo 4. Pit highwall within newer portion of site; looking northwest.



Photo 5. Bridge crossing the Highline Canal; looking east.



Photo 6. Diesel fuel storage and secondary containment; looking north.



Photo 7. 55 gallon drums of hydraulic fluid; looking southeast.



Photo 8. Tamarisk located on older portion of site; looking south.



Photo 9. Tamarisk located on older portion of site; looking south.



Photo 10. Mine identification sign along Nepesta Road; looking north.