




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: Beeson Pit	MINE/PROSPECTING ID#: M-1982-186	MINERAL: Sand and gravel	COUNTY: Kit Carson
INSPECTION TYPE: Monitoring	INSPECTOR(S): Elliott R. Russell	INSP. DATE: March 27, 2017	INSP. TIME: 13:15
OPERATOR: Kit Carson County	OPERATOR REPRESENTATIVE: Dave Hornung	TYPE OF OPERATION: 112c - Construction Regular Operation	

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: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: June 8, 2017

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.

GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected

ACID OR TOXIC MATERIALS	<u>NA</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>N</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>NA</u>	RECLAMATION SUCCESS	<u>N</u>	SUPPORT FACILITIES	<u>NA</u>
FINANCIAL WARRANTY	<u>NA</u>	REVEGETATION	<u>Y</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

None observed during the inspection.

OBSERVATIONS

This inspection was conducted as part of the Division's routine monitoring program for permitted operations. The Operator was represented during the inspection by Dave Hornung. The site is located approximately 9 miles south-southeast of Bethune, Colorado.

The Division met Mr. Hornung at the mine site entrance on the south side of County Road K, $\frac{3}{4}$ of a mile west of County Road 40. The site consists of a single excavation (see **Photo 1**) along Sand Creek, an ephemeral channel. There was no equipment on site, however, the Division observed evidence of recent activity.

Availability Of Records: The Beeson Pit is a 112c Operation and is approved to affect 20.5 acres of land. Affected lands will be reclaimed to support rangeland post-mining land use. Annual fees are paid through October 2016. The previous inspection was on November 6, 2013. There are no open infractions.

Backfilling and Grading: Mining slopes are maintained at approximately 3H:1V.

Financial Warranty: Pursuant to Rule 4.1.2(2), there is no required Final Warranty as the Operator is a unit of county government and they have submitted a Performance Warranty, guaranteeing the affected lands will be reclaimed in accordance with the terms of the permit, the Rules, and C.R.S. 34-32.5-116.

Hydrologic Balance: Standing water was observed in the northeast portion of the pit, likely from a recent rain event (see **Photo 2**).

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

Revegetation: Portions of the northern and eastern pit slopes were starting to revegetate.

Sediment Control: The active mining slopes contained some minor erosion, but this is not cited as a compliance problem because the sediment is carried into the pit and does not impact off-site lands. The Division recommends the Operator monitor, and if necessary repair/mitigate, an erosional feature located in the southeast corner of the pit (see **Photo 3**) as this could migrate and potentially impact off-site lands.

Signs and Markers: The permit sign was posted at the site entrance (see **Photo 4**). The permit boundary was delineated by metal t-posts (see **Photos 5 and 6**).

Topsoil: Topsoil was salvaged and stockpiled along the southern and western permit boundary as well as a portion of the northern permit boundary (see **Photo 7**).

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

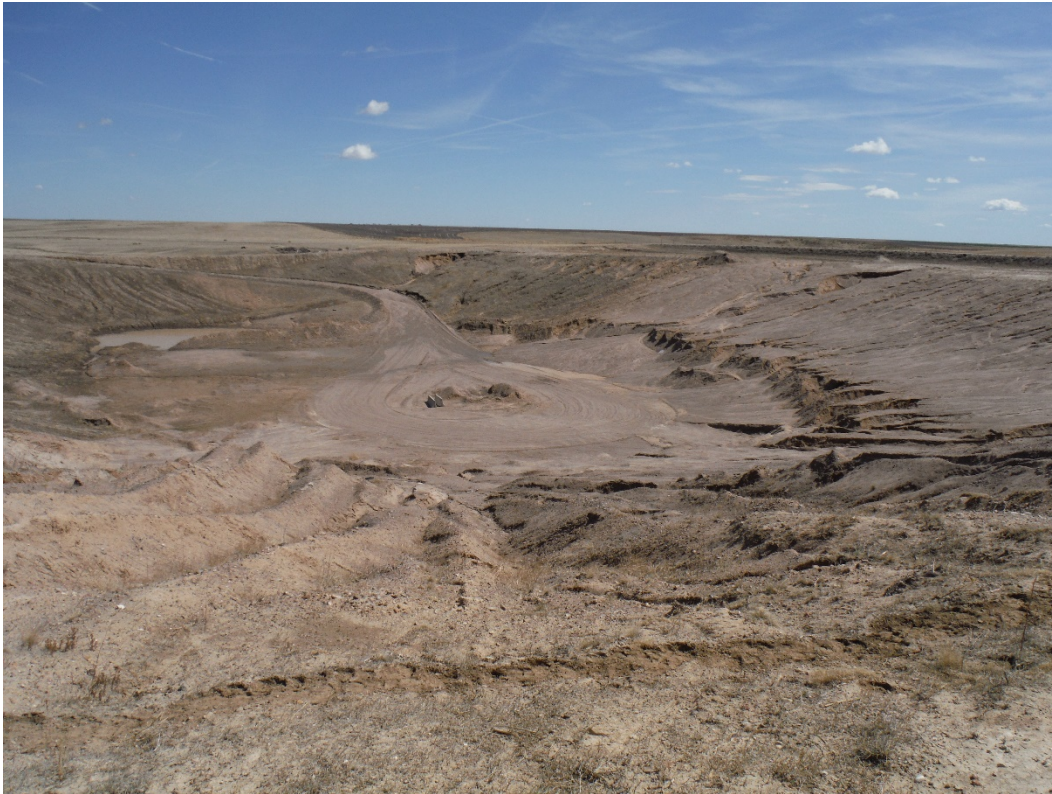


Photo 1. Site overview; looking east.



Photo 2. Standing water in the northeast portion of the pit; looking southwest.



Photo 3. Erosional feature of concern; looking south.



Photo 4. Permit identification sign; looking west..



Photo 5. Southwest boundary marker; looking east.



Photo 6. Southwest boundary marker; looking north.

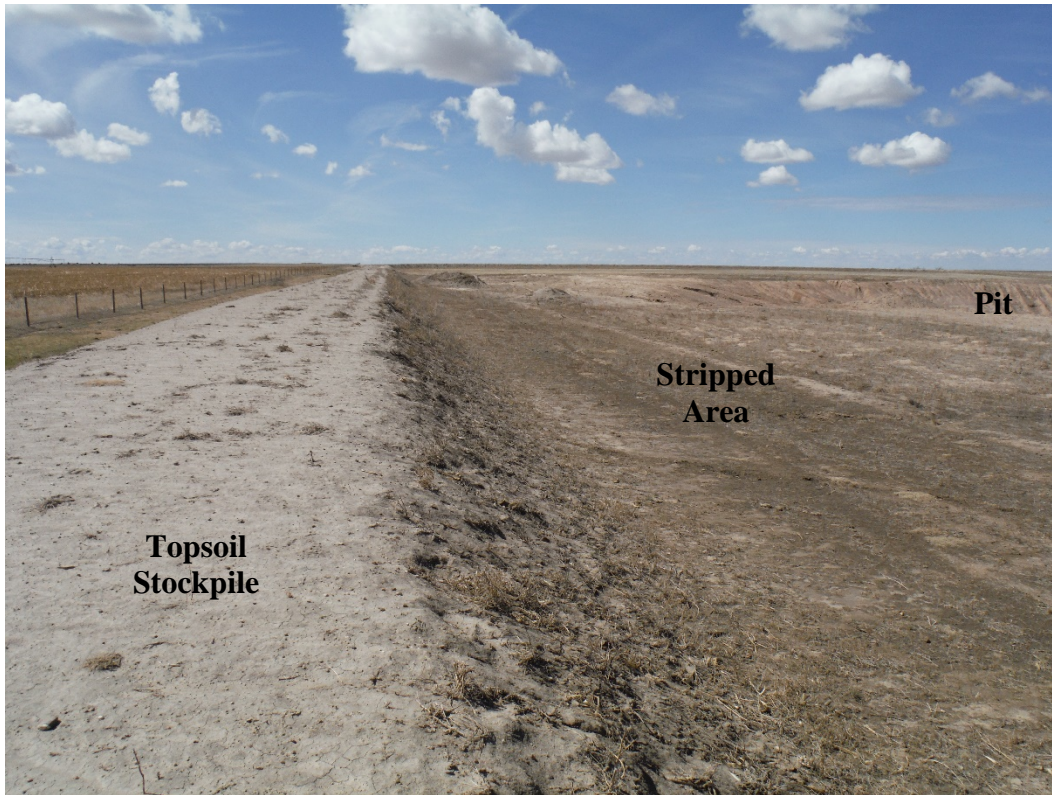


Photo 7. Topsoil stockpile located along the southern permit boundary; looking west.

Inspection Contact Address

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CC: Wally Erickson with DRMS