



COLORADO

Division of Reclamation,
Mining and Safety


Department of Natural Resources

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: Hancock Gravel Pit	MINE/PROSPECTING ID#: M-1981-279	MINERAL: Sand and gravel	COUNTY: Otero
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy Eschberger	INSP. DATE: May 31, 2018	INSP. TIME: 11:45
OPERATOR: All-Rite Paving & Redi-Mix, Inc.	OPERATOR REPRESENTATIVE: Herb Pearson	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$107,120.82
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: August 7, 2018

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.

INSPECTION TOPIC: Gen. Compliance With Mine Plan

PROBLEM: The operation has disturbed more than the approved maximum allowed disturbed area at any time. The current mining plan needs to be updated and clarified pursuant to C.R.S. 34-32.5-112 (1)(c)(VI) and (VII), and Rule 6.4.4. The operator must provide sufficient information to describe or identify how the operator intends to conduct the operation, specifically the size of the area to be worked at any one time.

CORRECTIVE ACTIONS: The operator shall submit a Technical Revision, with the required \$216 revision fee, to update and clarify the current approved mining plan to reflect existing and proposed activities by the corrective action date. Specifically, the revision must increase the maximum allowed disturbed area at any time from the current approved 20 acres to at least the existing 34.3 acres disturbed.

CORRECTIVE ACTION DUE DATE: September 6, 2018

OBSERVATIONS

This was a normal monitoring inspection of the Hancock Gravel Pit (Permit No. M-1981-279) conducted by Amy Eschberger of the Division of Reclamation, Mining and Safety (Division). Mr. Herb Pearson represented the operator during the inspection. The site is located approximately 4 miles southwest of Rocky Ford, CO in Otero County. The site can be accessed from the east off of Co Rd 18.

This is a 112c operation permitted for 92 acres to mine sand and gravel for road construction and maintenance (see enclosed Google Earth image of site). The approved mining plan includes three primary mining phases in which the operation advances generally counter-clockwise through the site, beginning in the southwestern portion of the permit area. The approved maximum mining depth is 20 feet. The maximum allowed disturbance at any time is 20 acres. Material processing will occur on site using portable equipment. The operation will maintain a 100 foot horizontal setback from the overhead power line located just south of the permit boundary. Salvaged topsoil is stored along the pit perimeter. Any additional growth medium needed for reclamation will be imported to the site. The approved reclamation plan calls for grading all disturbed slopes to 3H:1V or flatter, replacing 4-6 inches of topsoil on disturbed land, and revegetating the site with a native grass mixture for rangeland use. All haul roads constructed inside the permit area will be reclaimed.

At the time of the inspection, it was clear and dry. This report includes **Photos 1-8** which were taken during the inspection. A permit sign was posted at the main entrance to the site, and the corners of the permit boundary were marked by metal stakes. The site was not active during the inspection. No equipment or personnel were present on site. According to Mr. Pearson, the site is active every year in accordance with its intermittent status. Current disturbance at the site includes an excavated pit that daylights mainly to the north, a few overburden stockpiles stored on the pit floor, topsoil stockpiles stored along the top edges of the pit, and pit haul roads. Pit highwalls are approximately 20 feet in height with slopes of 2H:1V or flatter. No excessive erosion was observed in disturbed areas. Topsoil and overburden stockpiles appeared to be stable. The previously mined northern portion of the site has been reclaimed for many years and has a good vegetative cover consisting of native grasses, forbs, and shrubs. The Division did observe some early growth Tamarisk (salt cedar) trees on the pit floor. Because Tamarisk is a state-listed noxious weed species, the operator should implement the weed control plan as soon as possible to remove these trees from the affected lands.

The Division estimates the operation has disturbed a total of 34.3 acres that require reclamation. This was noted in the Division's report for the last inspection conducted on January 19, 2017, in response to a Succession of Operators application submitted by Otero County to transfer the permit to the current operator. For the permit transfer, the Division calculated a reclamation bond for the existing disturbance of 34.3 acres. Therefore, the currently held financial warranty is adequate. However, the Division instructed the new operator to submit a Technical Revision after the permit transfer was finalized to increase the maximum allowed disturbed area. The Division issued the permit transfer on February 21, 2017, but has not yet received the Technical Revision.

Therefore, a problem is cited in this report (see page 1), giving the operator 30 days to submit the required Technical Revision to increase the maximum allowed disturbed area for the site to at least the existing 34.3 acres.

This concludes the report.

PHOTOGRAPHS



Photo 1. View looking southeast across the excavated pit. Pit walls are graded 2H:1V or flatter and appeared to be stable.



Photo 2. View looking south across the excavated pit. Pit walls are graded 2H:1V or flatter and appeared to be stable.



Photo 3. View looking west, showing topsoil stored along northern edge of pit. Topsoil stockpiles appeared to be stable with some vegetative cover.



Photo 4. View looking northwest across previously disturbed area located north of active pit which has been reclaimed for many years.



Photo 5. View looking west from main entrance, showing topsoil stored along eastern edge of pit. Topsoil stockpiles appeared to be stable with vegetative cover.



Photo 6. View looking south, showing large overburden stockpile stored on pit floor.

GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</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>Y</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- PB	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</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>Y</u>	

Y = Inspected and found in compliance / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

Inspection Contact Address

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La Junta, CO 81050

Enclosure: Google Earth image of site showing permit area and disturbed area

EC: Jodi Schreiber, All-Rite Paving & Redi-Mix, Inc. at: jodi@arycorp.com
Herb Pearson, All-Rite Paving & Redi-Mix, Inc. at: herb@arycorp.com

M1981-279 / Hancock Gravel Pit / All-Rite Paving & Redi-Mix, Inc. / (112c)

Red Outline = 92.0 acres = Approved Permit Area

Blue Outline = 34.3 acres = Disturbed Area

(Image data from 3/19/2016)

