


**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: Kagie Gravel Pit	MINE/PROSPECTING ID#: M-1979-102	MINERAL: Sand and gravel	COUNTY: Routt
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy C. Yeldell	INSP. DATE: August 17, 2016	INSP. TIME: 10:45
OPERATOR: Cross Mountain Ranch Ltd. Partnership	OPERATOR REPRESENTATIVE: Stacy Quick	TYPE OF OPERATION: 110c - Construction Limited Impact	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$14,247.50
DATE OF COMPLAINT: NA	POST INSP. CONTACTS:	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: September 6, 2016

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: Availability Of Records**PROBLEM/POSSIBLE VIOLATION:** Problem: 2016 annual report, map and fee are past due.**CORRECTIVE ACTIONS:** Please complete and return the attached packet by the corrective action date.**CORRECTIVE ACTION DUE DATE:** 10/31/16**INSPECTION TOPIC:** Revegetation**PROBLEM/POSSIBLE VIOLATION:** Problem: There are state-listed noxious weeds present on site. This is a problem for failure to employ weed control methods for state listed noxious weed species within the permitted area, and to reduce the spread of weeds to nearby areas as required by Section 3.1.10 (6) of the rule.**CORRECTIVE ACTIONS:** The operator shall develop a weed control and management plan in accordance with Section 3.1.10 (6) of the Rule. This plan should be developed in consultation with the county extension agency, or weed control district office and should include specific control measures to be applied, a schedule for when control measures will be applied and a post-treatment monitoring plan. This weed control plan shall be submitted to the Division as a Technical Revision to the approved plan with the appropriate Technical Revision fee of \$216.00 by the corrective action date.**CORRECTIVE ACTION DUE DATE:** 10/31/16**INSPECTION TOPIC:** Signs & Markers

PROBLEM/POSSIBLE VIOLATION: Problem: The affected area boundary markers are missing or incorrectly placed. This is a problem for failure to maintain boundary markers around the affected area as required by Section 3.1.12(2) of the rule.

CORRECTIVE ACTIONS: The operator shall conduct a survey and replace the boundary markers in the correct location(s). The operator shall provide proof to the Division that this has been done by the corrective action date.

CORRECTIVE ACTION DUE DATE: 10/31/16

OBSERVATIONS

This inspection was conducted as part of the Colorado Division of Reclamation, Mining and Safety normal monitoring program. The Kagie Pit is a 110c sand and gravel operation that consists of 9 acres. Stacy Quick represented the operator and accompanied Amy Yeldell of the Division on the inspection. The site is located in Routt County approximately 15 miles southeast of Hayden, Colorado and is accessed from Routt County Road 29.

This site is approved for intermittent status. The operator is reminded that under that status they must remain active annually however they do not need to operate more than 180 days a year. If production ceases for more than a year they should file for temporary cessation. The site was inactive at the time of the inspection.

The mine identification sign was in place. The operator may want to consider updating/replacing the sign as the letters are beginning to peel. Please consult Rule 3.1.12 for sign requirements. Permit boundary markers were nonexistent along the lower pit boundary. This is cited as a problem. The permit boundary shall be marked by monuments or other markers that are clearly visible and adequate to delineate the boundary. The operator shall get the site surveyed and properly place boundary markers as per the approved permit. Please send the Division photo documentation that markers have been installed by the corrective action date.

At the pit entrance the access road forks. The upper road goes to the excavation area. The lower road is where the scale and scale house are located. Also on the lower level is a large tank (approximately 10,000 gal) and grizzly bars. The operator is reminding that if the tank is not in use we recommend that it is removed to avoid unnecessary liability. No equipment was observed on site.

Approximately 9 acres is disturbed. Most slopes on the lower pit were 1:1 and approximately 15 ft. tall while the upper pit was mostly sloped at a 2:1 and approximately 25 ft. tall. There are no true vertical highwalls. Overall approximately 600 linear feet of highwalls will need to be graded to a 3:1. The operator is encouraged to leave slopes at a 3:1 at the end of their mining season to avoid having to bond for grading.

There are several small stockpiles located throughout the site. Little to no erosion was observed on site. There was a small sediment pond in the northeast corner of the lower level.

Several weeds such as knapweed, thistles, and hounds tongue were observed. This is cited as a problem. It is likely too late to effectively spray this year as most of the plants have already set seed. The operator needs to submit a weed management plan in the form of a technical revision by the corrective action date.

The 2016 annual report is past due. This is cited as a problem. The operator was given a copy of the report at the inspection and a copy is also enclosed with this report. The operator shall submit the 2016 annual report, fee and map by the corrective action date.

The Division currently requires a financial warranty amount of \$14,200 for this site. The bond was last updated in 2010. In an effort to ensure the Financial Warranty adequately, reflects the actual current cost of fulfilling the requirements of the approved reclamation plan the Division will be updating the reclamation cost estimate. The operator will be notified under a separate cover if the Division determines that the current financial warranty amount is insufficient.

Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@ state.co.us

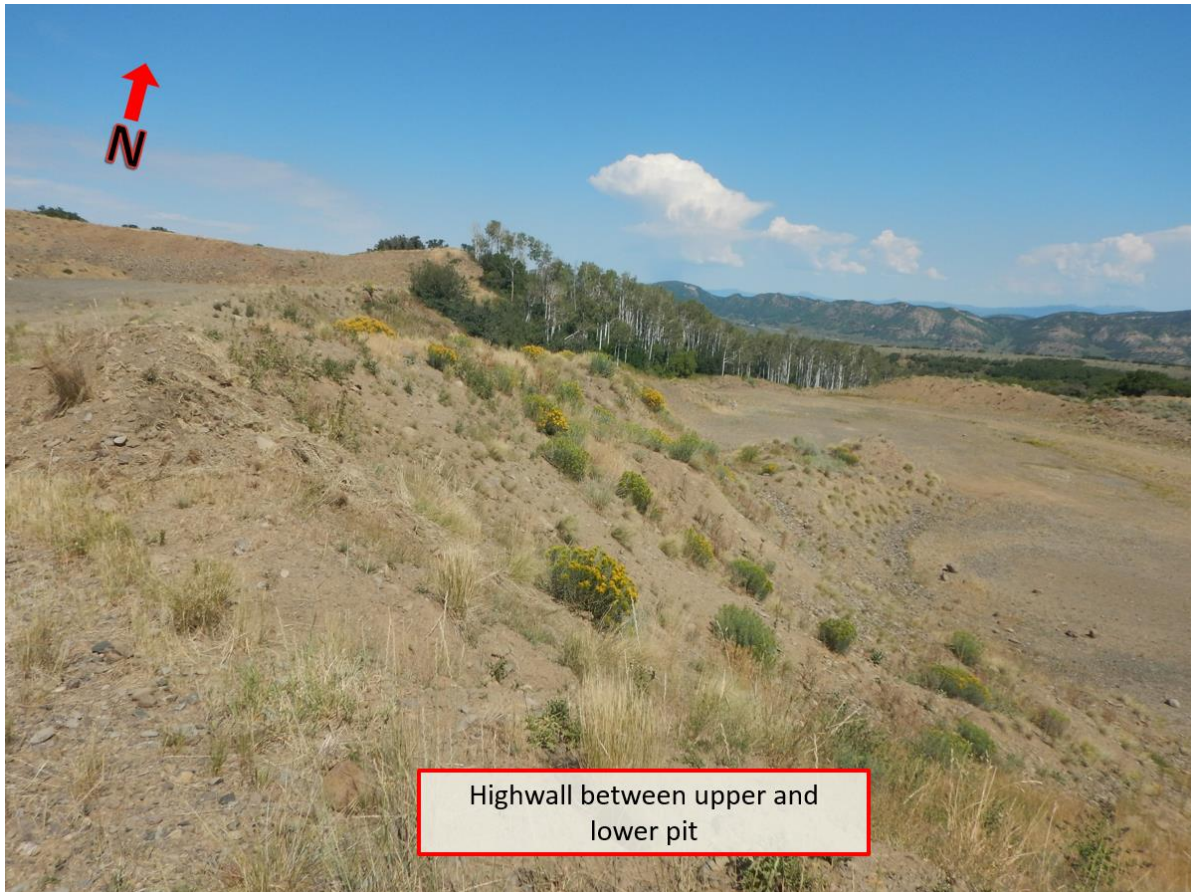
PHOTOGRAPHS

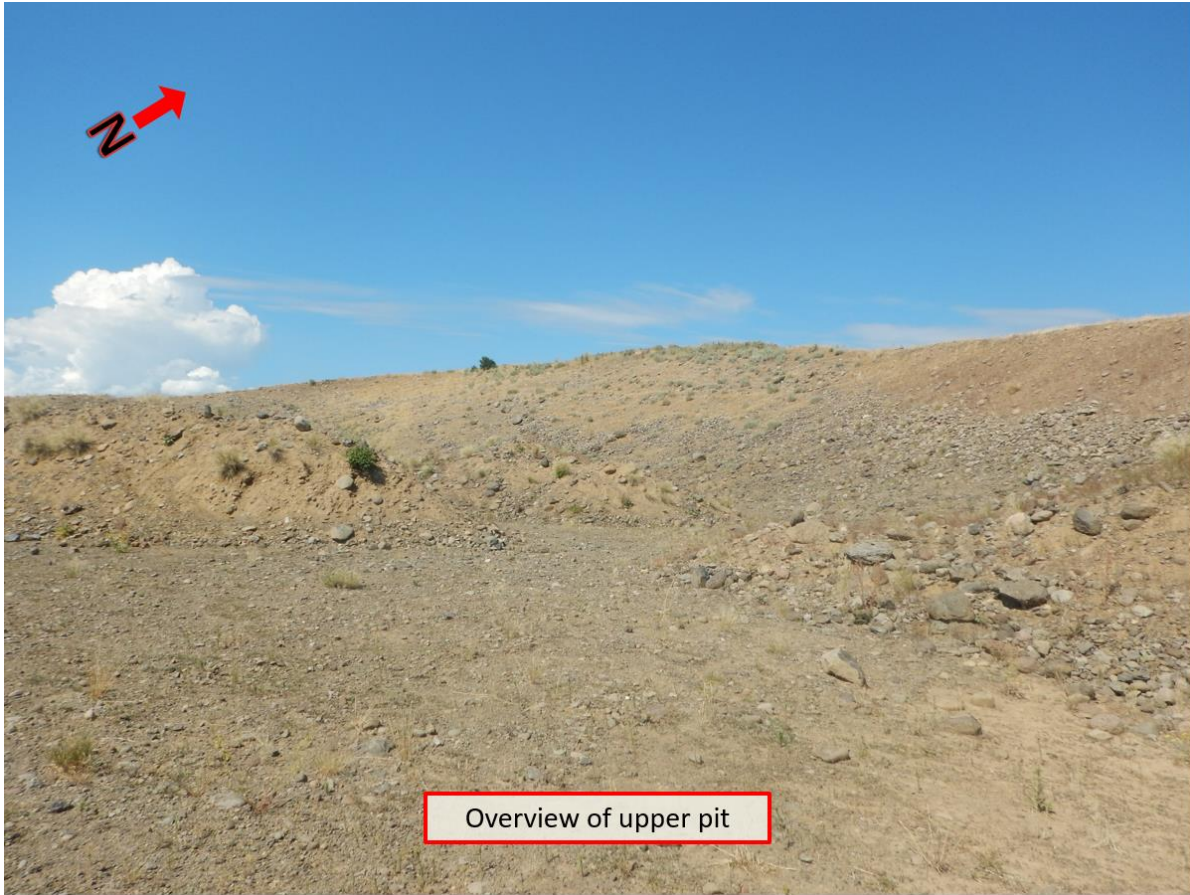












GENERAL INSPECTION TOPICS

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

(AR) RECORDS----- <u>PB</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</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>PB</u>
(SM) SIGNS AND MARKERS----- <u>PB</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	(ST) STIPULATIONS----- <u>N</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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P.O. Box 897
Craig, CO 81626

Enclosure

EC: Russ Means, Senior EPS, GJFO DRMS