


**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: Elbert County Pit	MINE/PROSPECTING ID#: M-1985-129	MINERAL: Sand and gravel and	COUNTY: Elbert
INSPECTION TYPE: Monitoring	INSPECTOR(S): Peter S. Hays	INSP. DATE: September 14, 2017	INSP. TIME: 13:00
OPERATOR: Christian Construction Inc.	OPERATOR REPRESENTATIVE: Robert Christian, Samantha Christian	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Priority	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$52,500.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: September 22, 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.

INSPECTION TOPIC: Availability Of Records

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 Rule 3.1.10(6).

CORRECTIVE ACTIONS: Implement the approved weed control plan and provide proof to the Division that this has been done. If a weed control plan is not already in place, the Operator shall develop a weed control and management plan in accordance with Rule 3.1.10(6). 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: 11/21/17

INSPECTION TOPIC: Signs & Markers

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

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

CORRECTIVE ACTION DUE DATE: 11/21/17

OBSERVATIONS

The Elbert County Pit was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) as required by the Transfer of Permit and Succession of Operators process and Rule 1.12. The site was previously inspected by the Division on June 24, 2014. Mr. Robert Christian and Mrs. Samantha Christian with Christian Construction, Inc. were present during the inspection. The Succession of Operator application (SO-05) was approved by the Division on August 8, 2017.

The Division is required to recalculate the reclamation bond within 60-days from the date of the succession of operator transfer approval date. The Division currently holds a reclamation bond in the amount of \$52,500.00. No additional financial warranty is required as part of SO-05 based on the observations from this inspection.

The site is a 112 construction materials operation permitted for 38.69 acres. The permitted area does not include 4.60 acres for the access road and a pad area south of the access road where in turns to the southwest. An additional area of disturbance north of the access road where the road turns is leased to Elbert County and is included in the permitted area.

As cited as a problem, the boundary markers could not be located during the inspection. The Operator was aware of the lack of boundary markers and scheduled a survey company to replace the corner markers in mid-October. The Division will require the Operator to submit proof of the replacement of the boundary markers by the corrective action date.

Noxious weeds were observed on site during inspection. The observed noxious weeds included; diffuse knapweed, common mullein and Canada thistle. A noxious weed control and management plan has not been approved for the site. As cited as a problem, the Operator shall develop a weed control and management plan in accordance with Rule 3.1.10(6). The 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 permit with the appropriate fee of \$216.00 by the corrective action date.

The approved post mining land use for the site is rangeland. Topsoil stockpiles were observed north, southwest and southeast of the active pit area. The stockpiles were vegetated with mostly annual weeds and

appeared stable. The current highwalls were sloped at an estimated 2.5H:1V slope. Minor erosion features were noted on the highwalls. Mining excavation is expected to continue to the south and west. A processing plant and small material stockpiles were observed on the pit floor. The mine sign was posted at the entrance to the site was required by Rule 3.1.12 and had been updated to indicate Christian Construction, Inc.

Photographs taken during the inspection and an inspection map are attached.

Inspection Contact Address

Mr. Robert Christian
Christian Construction Inc.
16230 Reata Road
Peyton, CO 80831

Ec: Wally Erickson, DRMS

PHOTOGRAPHS



Elbert County Pit mine sign



View of the pit from the east side of the site looking west



View of the current highwall from the southeast corner of the site looking west



View of the pit from the south side of the site looking northeast



View of the pit from the northwest corner of the site looking southeast

GENERAL INSPECTION TOPICS

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

(AR) RECORDS----- PB	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>N</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- PB	(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>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</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

Elbert County Pit

M-1985-129

September 14, 2017 Inspection Map

Legend

-  4.7 Acre Waste Transfer Area
-  Elbert County Area
-  Elbert County Pit M-1985-129
-  Topsoil Stockpile

Elbert County Pit M-1985-129

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Google earth

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1000 ft

Elbert Rd

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