




COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY
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: Highway 50 Borrow Area No. 2	MINE/PROSPECTING ID#: M-1999-076	MINERAL: Borrow material for	COUNTY: Mesa
INSPECTION TYPE: Monitoring	INSPECTOR(S): Travis H. Marshall	INSP. DATE: June 12, 2013	INSP. TIME: 10:45
OPERATOR: Elam Construction, Inc.	OPERATOR REPRESENTATIVE: Gayle Lyman	TYPE OF OPERATION: 111 - Construction by Government Agency	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$55,000.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: June 27, 2013

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: The site is apparently impounding surface drainage

CORRECTIVE ACTIONS: Submit documentation from the State Engineer's Office demonstrating that the impoundment of water in this pit is authorized by that office.

CORRECTIVE ACTION DUE DATE: 4/29/05

INSPECTION TOPIC: Hydrologic Balance

PROBLEM/POSSIBLE VIOLATION: Problem: The site is improperly impounding surface drainage/groundwater.

CORRECTIVE ACTIONS: Submit documentation from the State Engineer's Office demonstrating that the impoundment of water in this pit is authorized by that office.

CORRECTIVE ACTION DUE DATE: 7/31/13

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: Implement 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 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: 7/31/13

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>NA</u>
(HB) HYDROLOGIC BALANCE----- <u>PB</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>NA</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>PB</u>
(SM) SIGNS AND MARKERS----- <u>NA</u>	(SP) STORM WATER MGT PLAN---- <u>NA</u>	(SB) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</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>Y</u>	(ST) STIPULATIONS----- <u>NA</u>

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

OBSERVATIONS

This was routine inspection conducted as part of the Division of Reclamation, Mining and Safety's monitoring program. The Highway Borrow Area No. 2 is located approximately 10 miles southeast of Grand Junction, Colorado west of Highway 50. The site is a 111c- operation with 21.9 permitted acres that is in final reclamation. Gayle Lyman a representative of Elam Construction, Inc. was present during the inspection.

The mine identification sign and permit boundary markers were not in place during the inspection. This is not seen as a problem due to the current stage of reclamation.

Previous inspections have verified that earthwork and grading were in compliance with the approved reclamation plan. The purpose of the June 12, 2013 inspection was to assess the success of the revegetation and weed control efforts.

As noted in the March 3, 2005 inspection report the pit is impounding water. This is considered a problem and a well permit to account for the evaporative loss associated with the pond is required by the Colorado Division of Water Resources. Enforcement action will be initiated if an evaporative loss well permit or another form of compliance is not received by the Division on or before July 31, 2013.

The amount vegetation is adequate at the site. However, tamarisk, Russian olive, and Russian knapweed were all observed within the permit boundary. The site was in final reclamation prior to January 19, 2005, specifically prior to October 16, 2000. Therefore, it is considered a "grandfathered" pit that is not required to include Tamarisk and Russian olive in the weed management plan. The presence of Russian knapweed is noted as a problem. A more vigorous implementation of the weed control plan for the Russian knapweed observed at various locations along the western, southern and eastern perimeter of the pond shall be conducted. If demonstration of control of the Russian knapweed in the form of photo-documentation is not provided July 31, 2013 enforcement action will be initiated.

Photos that show the conditions observed during the inspection are included at the end of this report.

Responses to this inspection report should be directed to Travis Marshall at the Division of Reclamation, Mining and Safety, Grand Junction Field Office, 101 South 3rd Street, Room 301, Grand Junction, Colorado 81501, phone no. 970-241-2042.

PHOTOGRAPHS



Inspection Contact Address

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Enclosure

CC: