




**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: Breeze Basin Sand & Gravel Pit	MINE/PROSPECTING ID#: M-2008-022	MINERAL: Sand and gravel	COUNTY: Moffat
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy C. Yeldell	INSP. DATE: September 9, 2015	INSP. TIME: 14:30
OPERATOR: 4B Land & Livestock LLC	OPERATOR REPRESENTATIVE: Jon Muller	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$47,810.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: September 16, 2015

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: 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: 11/17/15

OBSERVATIONS

This inspection was conducted as part of the Colorado Division of Reclamation, Mining and Safety normal monitoring program. The Breeze Basin Sand and Gravel Pit is a 112c permitted site that includes a total of 62 permitted acres of which approximately 20 acres have been disturbed by mining operations. The pit is 4 miles southeast of Craig Colorado and is accessed from highway 394. Jon Muller represented Elam Construction, Inc. and accompanied Amy Yeldell of the Division on the inspection.

The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12. The sign is located at the entrance of the permit boundary. The permit boundary is delineated by a wire fence on three sides and the Yampa River to the north. Areas adjacent to the river have an undisturbed buffer zone.

At the entrance of the pit along access road there is a load scale with asphalt tracking pads. Also an 8' x 8' scale house. No other permanent structures have been erected.

A berm separates the processing area from the old ox bow that encircles the active pit. This southern 12 acres is deemed wetlands and requires protection. Only an approved roadway crosses this area, no other disturbances have been made.

The site is currently operational. A crusher plant actively processing material was observed. All fuel for the equipment is stored in a large tank in secondary containment. A water truck periodically sprays for dust suppression. There are several large stockpiles, all of which are well kept and stable.

An excavated pond is located to the north of the processing area and is approximately 5 acres. Final reclamation calls for one large pond approximately 30 acres in size with 3:1 slopes at the water's edge. In conversations with the operator, Mr. Muller was not sure if ground conditions were in line with the current reclamation plan. The initial application called for two side by side ponds however through the comment and adequacy review period changes were made calling for one large pond. Based on a review of the documents submitted no technical revision is needed at the time and operations are progressing in accordance to the prescribed plan.

The majority of the pond has been reclaimed. Current operations are pulling material from the southeast corner of the pond. The remaining areas where mining has concluded are sloped properly and the desirable native species have been established.

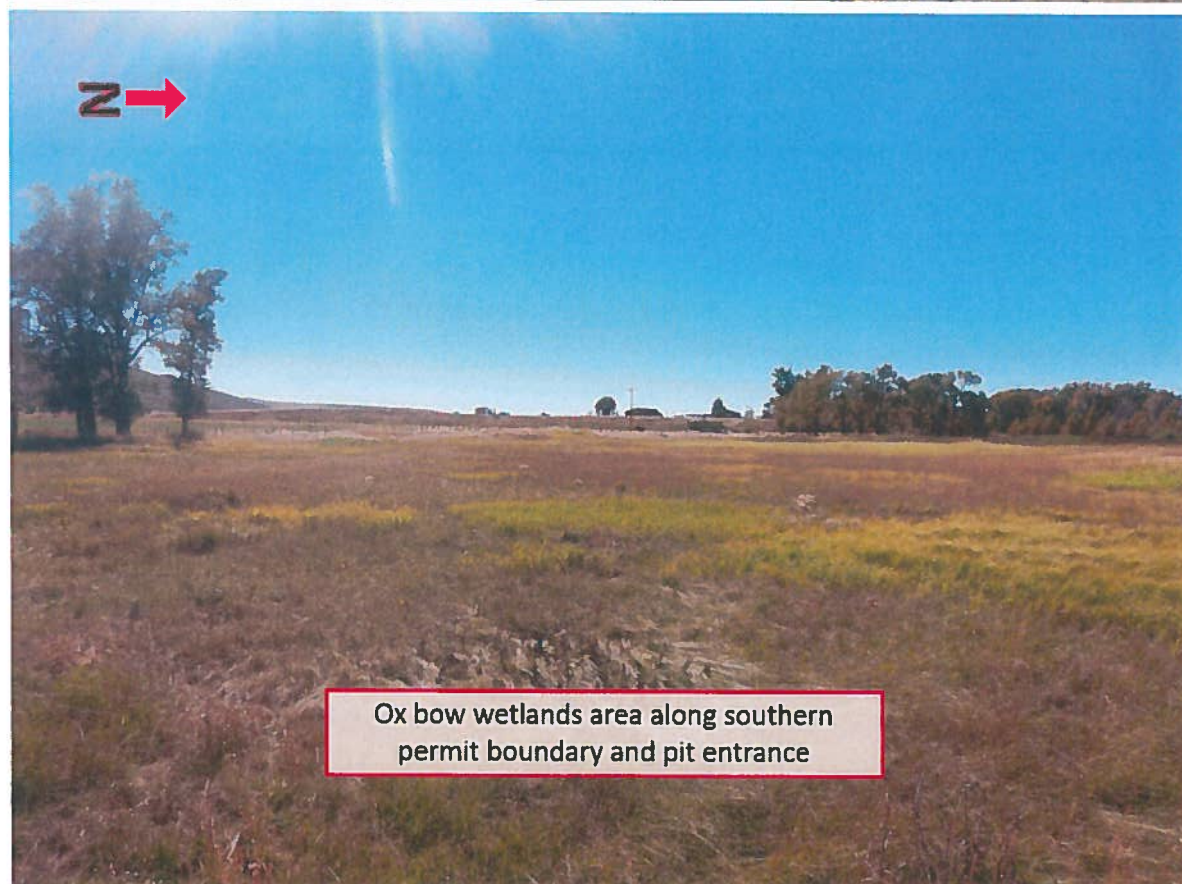
Weeds such as Tamarisk, common Mullen, cheatgrass, and thistle were observed. This is cited as a problem. The operator shall implement a weed management plan in the form of a Technical Revision by the corrective action date. If a weed management plan already exist the operator shall provide proof that said plan is being followed.

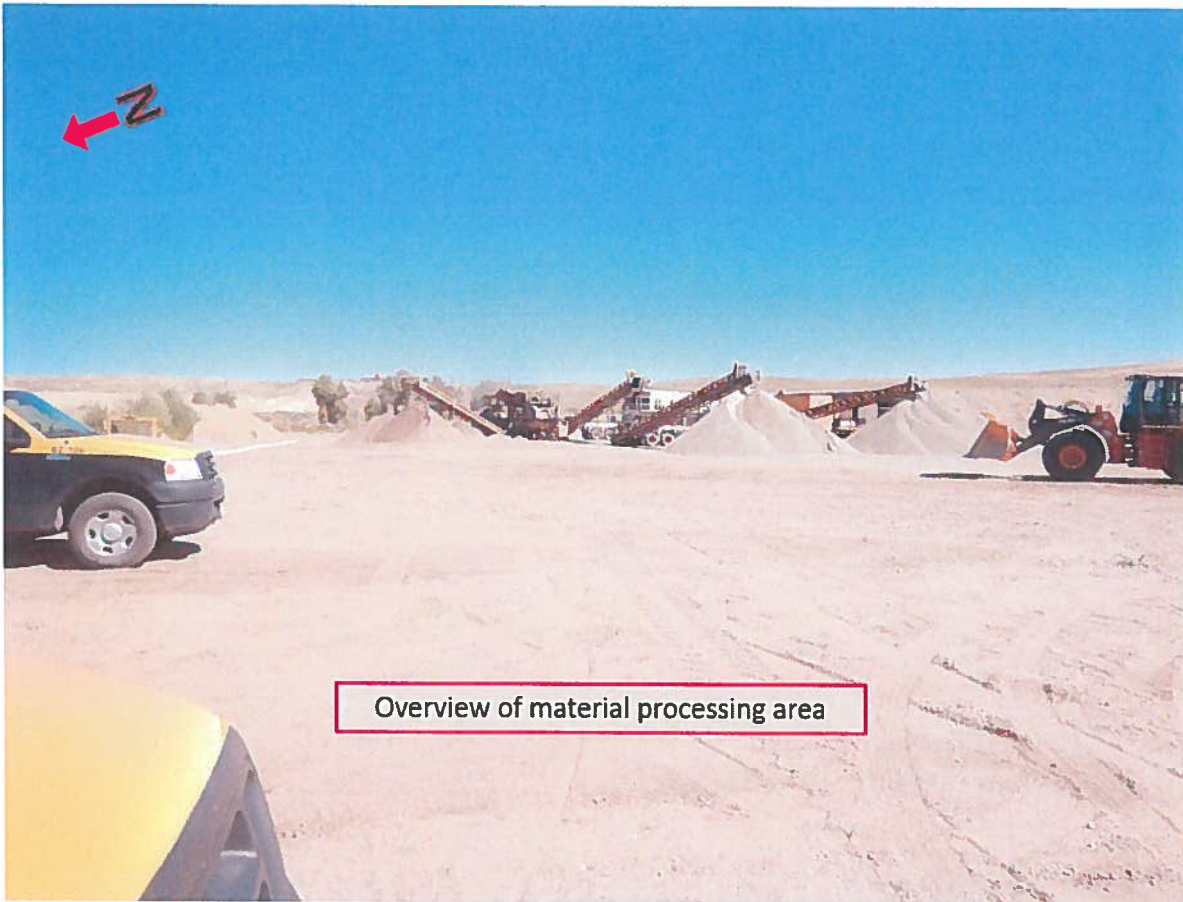
In an effort to ensure the Financial Warranty adequately, reflects the actual current cost of fulfilling the requirements of the approved reclamation plan the Division will be updating the reclamation cost estimate.

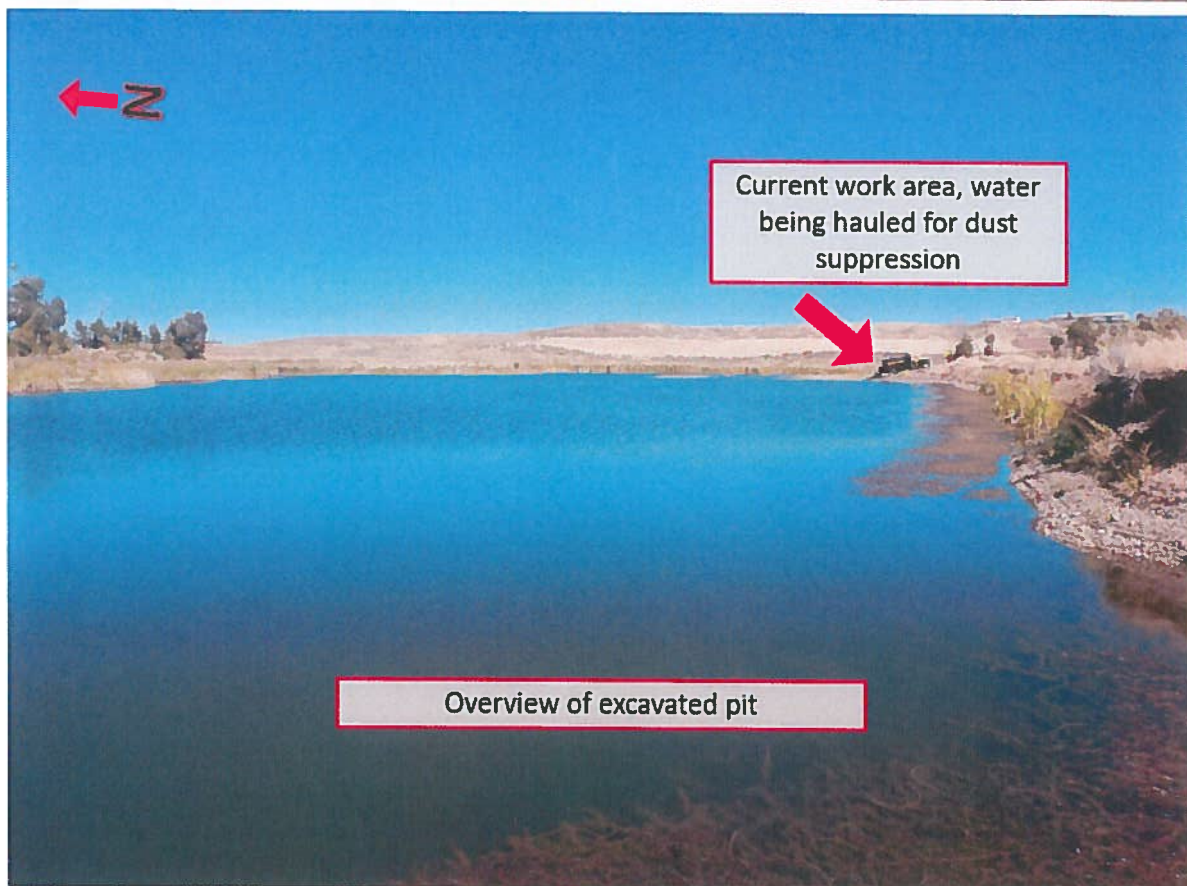
Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@state.co.us

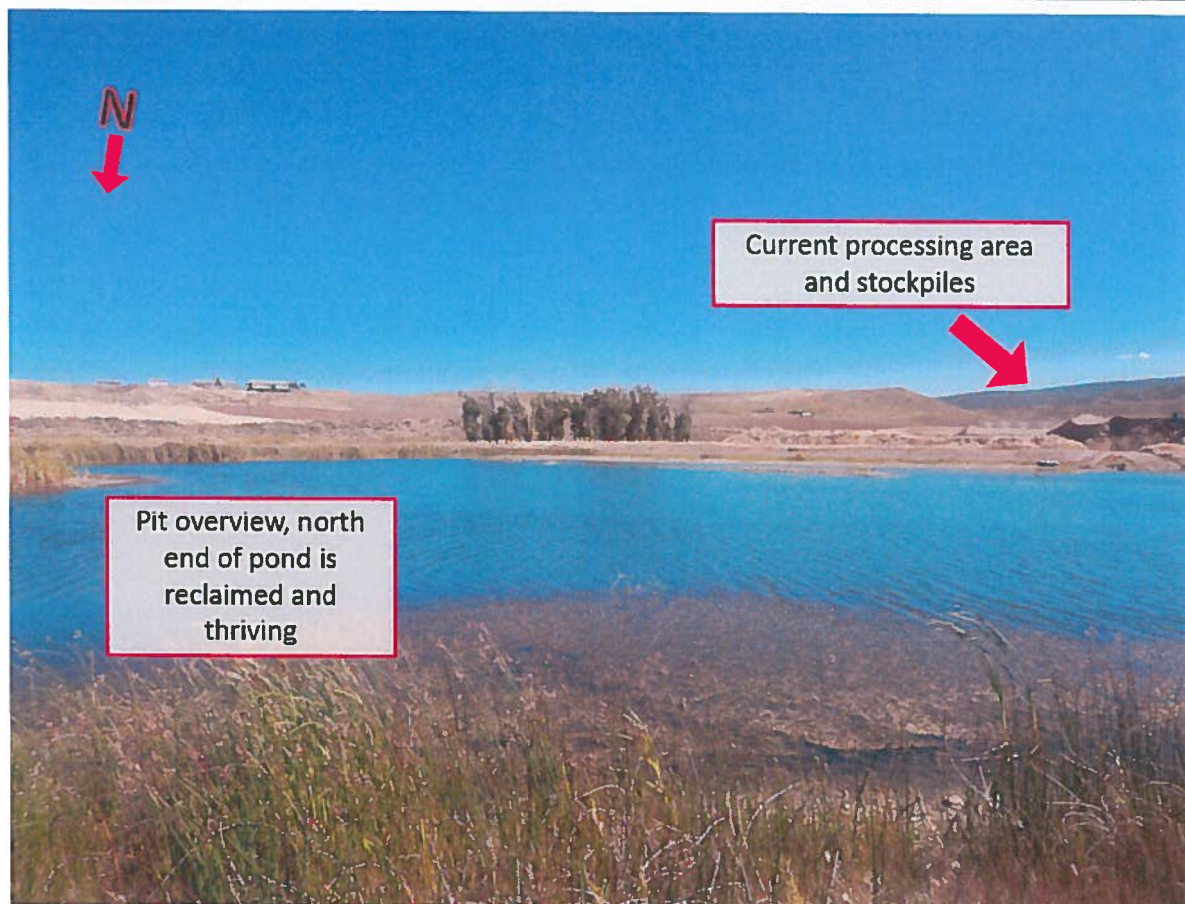
PHOTOGRAPHS











GENERAL INSPECTION TOPICS

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

(AR) RECORDS----- <u>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>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>Y</u>	(SF) PROCESSING FACILITIES----- <u>Y</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>Y</u>	(SW) STORM WATER MGT PLAN---- <u>Y</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>Y</u>	(OD) OFF-SITE DAMAGE----- <u>NA</u>	(ST) STIPULATIONS----- <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

Jon Muller
4B Land & Livestock LLC
556 Struthers Ave.
Grand Junction, CO 81501

Enclosure

EC:
Russ Means, Senior EPS / Field Office Supervisor, Grand Junction DRMS