


**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.

<b>MINE NAME:</b> Frentress Gravel Pit	<b>MINE/PROSPECTING ID#:</b> M-2011-017	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Routt
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Amy C. Yeldell	<b>INSP. DATE:</b> July 19, 2016	<b>INSP. TIME:</b> 15:00
<b>OPERATOR:</b> Breeze Basin Resources	<b>OPERATOR REPRESENTATIVE:</b> Kurt Frentress	<b>TYPE OF OPERATION:</b> 110c - Construction Limited Impact	

<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$28,500.00
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None
<b>WEATHER:</b> Clear	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> August 5, 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:** 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 photo documentation 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:** 10/07/16

## **OBSERVATIONS**

This inspection was conducted as part of the Colorado Division of Reclamation, Mining and Safety normal monitoring program. The Frentress Gravel Pit is a 110c sand and gravel operation that consists of 9.9 acres. Frentress Gravel Pit is located in Routt County approximately three miles Southwest of Hayden Colorado and is accessed from Routt County Road 65. Kurt Frentress represented the operator and accompanied Russ Means and 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 Mine sign was located at the main entrance from Routt County Road 65. The permit boundary is delineated by t-posts. A scale and scale house are located south of the pit.

Approximately 4.5 acres have been disturbed to date. There has been some small amounts of interim reclamation around the boundary of the pit. Largely the north-eastern portions of the permit boundary remains undisturbed and is currently utilized as cropland.

A stockpiled of crushed material was observed. Mr. Frentress indicated that that material was processed a couple of years ago. Mining operations such as screening occur annually. Commodities such as sand and road base are produced. No exposed water or stored fuel was observed.

An excavated high wall was observed, it was approximately 200 feet long X 15 feet tall, with one bench in the middle. Additionally there was approximately 150 feet 1.5:1 slope. The operator is under their commitment of a maximum of 1200 lft of highwall to be exposed at any given time.

Overburden is stored to the east of the excavated pit. Topsoil is stored in berms along the south and east perimeters of the permit site. Mr. Frentress mentioned that this site sells topsoil. The Division would like to caution the operator when it comes to selling topsoil. They must first ensure that enough topsoil is stockpiled to achieve the approved reclamation plan. If too much topsoil is sold and the site becomes deficient then Division will have to bond for importing the necessary soil to ensure successful reclamation. All slopes and stockpiles appear to be stable and free of any visible erosion.

Noxious weeds such as knapweed, Russian Thistle and kochia were observed. The operator indicated that he knew the weeds should be more aggressively treated however did not do so. Therefore this is cited as a problem. The operator shall submit a weed management plan in the form of a technical revision with the required \$216 revision fee. Additionally the operator shall submit photo documentation that weeds have been sprayed by the corrective action date.

The Division currently holds a financial warranty amount of \$28,500 for this site. 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 has updated the reclamation cost estimate. At this time the Division has determined that the bond is adequate.

No other problems or violations were noted during this inspection.

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



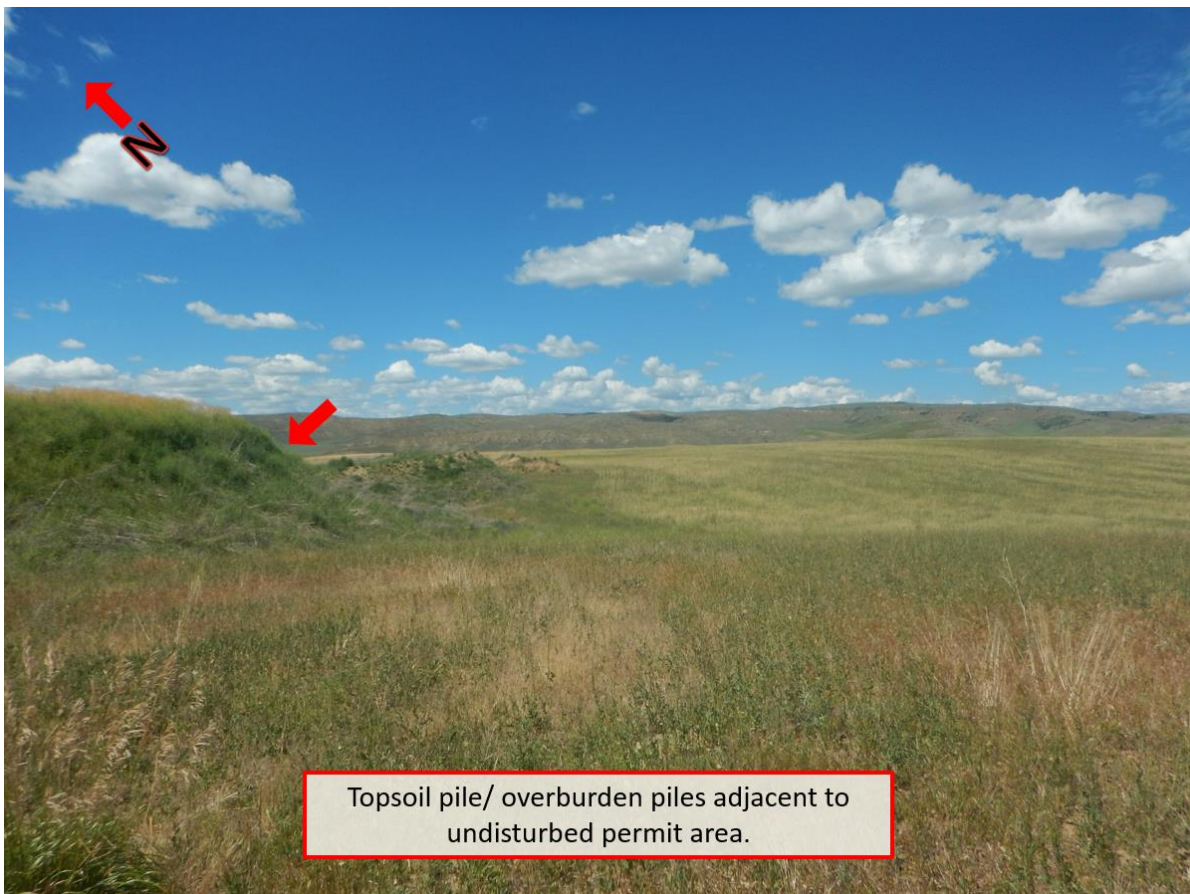












### GENERAL INSPECTION TOPICS

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>N</u>	(SF) PROCESSING FACILITIES----- <u>NA</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>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(CI) 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>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

Kurt Frentress  
Breeze Basin Resources  
PO Box 181  
Hayden, CO 81639

Enclosure

CC: Russ Means, Senior EPS, GJFO DRMS