

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:	MINE/PROSPECTING ID#:	MINERAL:	COUNTY:
Funk & Hooker Pit	M-1979-058	Sand and gravel	Routt
INSPECTION TYPE:	INSPECTOR(S):	INSP. DATE:	INSP. TIME:
Monitoring	Dustin M. Czapla	July 9, 2013	14:00
OPERATOR:	<b>OPERATOR REPRESENTATIVE:</b>	TYPE OF OPERATION:	
Routt County	Tanner Caroulis	112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b>	BOND CALCULATION TYPE:	BOND AMOUNT:	
Normal I&E Program	None	NA	
DATE OF COMPLAINT:	POST INSP. CONTACTS:	JOINT INSP. AGENCY:	
NA	None	None	
WEATHER:	INSPECTOR'S SIGNATURE:	SIGNATURE DATE:	
Clear		July 12, 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:** Vegetation

**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:** 8/12/13

## **OBSERVATIONS**

This inspection was conducted as part of the Division of Reclamation, Mining and Safety's (Division) normal monitoring program. Tanner Caroulis, representing the Operator, was present during this inspection. Photographs are included with this report in order to illustrate some of the conditions observed.

The Funk and Hooker pit is located approximately 2.5 miles east of Hayden and accessed from Hwy 40. The site is a 112c operation that includes a total of 47.6 permitted acres.

Adequate mine identification signage was noted at the entrance to the site.

The affected area was marked by t-posts and fencing that was clearly visible and adequate to delineate the affected area boundary.

Reclaimed slopes along the north side of the pit range from approximately 2H:1V to 3H:1V. They appeared stable and vegetation is becoming well established. The active mine face in the south side of the pit area has been left at approximately 2H:1V. Materials stockpiles were located on the pit floor. Fuel storage was located in a bermed and lined containment.

A significant infestation of Canada thistle was observed on the overburden stockpile located in the southeast part of the site. These weeds should be treated immediately in order to prevent expansion of the infestation.

No other problems or violations were noted during this inspection.

Responses to this inspection report should be directed to Dustin Czapla at the Division of Reclamation, Mining and Safety, Grand Junction Field Office, 101 South 3<sup>rd</sup> Street, Room 301, Grand Junction, Colorado 81501, phone number (970) 243-6299.

#### PERMIT #: M-1979-058 INSPECTOR'S INITIALS: DMC INSPECTION DATE: July 9, 2013

# **PHOTOGRAPHS**



Figure 1: View of the pit from the west side of the access road.



Figure 2: Reclaimed slope on the north side of the pit.



Figure 3: Fuel storage and processing area.



Figure 4: View from on top of the active mine face in the southeast part of the pit, facing northwest.

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Figure 5: View from on top of the active mine face in the southeast part of the pit, facing north.



Figure 6: Canada thistle infestation on the overburden stockpile in the southeast part of the site.

## **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>N</u>	(RD) ROADS <u>N</u>
(HB) HYDROLOGIC BALANCE <u>N</u>	(BG) BACKFILL & GRADING Y	(EX) EXPLOSIVES <u>N</u>
(PW) PROCESSING WASTE/TAILING <u>N</u>	(SF) PROCESSING FACILITIES <u>N</u>	(TS) TOPSOIL <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- $\underline{Y}$	(FW) FISH & WILDLIFE <u>N</u>	(RV) REVEGETATION <u>N</u>
(SM) SIGNS AND MARKERS Y	(SP) STORM WATER MGT PLAN <u>N</u>	(SB) COMPLETE INSP <u>N</u>
(ES) OVERBURDEN/DEV. WASTE <u>N</u>	(SC) EROSION/SEDIMENTATION <u>N</u>	(RS) RECL PLAN/COMP Y
(AT) ACID OR TOXIC MATERIALS Y		(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**

Michael Mordi Routt County P.O. Box 773598 Steamboat Springs, CO 80477