

TRAPPER MINING INC.  
CRAIG, COLORADO

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HORSE GULCH FILL  
QUARTERLY FILL CERTIFICATION

I, Tonia Marie Perkins, a Licensed Professional Engineer in the State of Colorado, in accordance with 2CCR407-2, Section 4.09.1(11), have conducted a quarterly inspection of the Horse Gulch Fill construction. This quarterly inspection was conducted on September 12, 2023. The fill was inspected for stability, and no appearance of instability, structural weakness, or other hazardous condition was observed during the inspection. Construction during this quarter has been under my supervision, and to the best of my knowledge and belief, has been consistent with the design approved by the Colorado Division of Reclamation, Mining, and Safety.

  
Tonia Marie Perkins  
CO PE 43864



9/14/2023  
Date



# **Horse Gulch Fill Quarterly Inspection Report**

**Third Quarter 2023**

**Trapper Mining Inc.**

**Trapper Mine**

**Craig, Colorado**

September 14, 2023

# Horse Gulch Fill Quarterly Inspection Report

## Third Quarter 2023

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I certify that this report was prepared by me.

  
Tonia Marie Perkins  
CO PE 43864  
Mining Engineer  
Trapper Mining, Inc.



September 14, 2023

## 1.0 Introduction

In compliance with Rule 4.09.1 (11) of the *Regulations of the Colorado Mined Land Reclamation Board for Coal Mining*, a quarterly inspection and report on the construction and associated activities of the Horse Gulch Fill (HGF) at Trapper Mine in Craig, Colorado has been completed. The quarterly inspection was conducted on September 12, 2023, by Tonia M. Perkins, a licensed professional engineer in the State of Colorado. Construction activity related to the fill has been consistent with the approved design. Details of this design can be found in Agapito Associates, Inc.'s (AAI) *Horse Gulch Fill Stability Analysis*, dated May 29, 2009.

On March 15, 2022, Trapper Mining Inc. received an e-mail from the Colorado Division of Reclamation, Mining and Safety stating only the areas of the fill that are not fully bond released required inspection. The September 12, 2023, inspection included only the areas not fully bond released.

No appearances of instability, structural weakness, or other hazardous conditions were observed. Both the southeast side of the fill and the northeast side of the fill were inspected this quarter (Photographs 1 and 2). The area where cracks were detected on the top south portion of the dump during the first quarter of 2013 inspection was checked. There was no additional cracking found.



Photograph 1: East Side Looking South (9/12/2023)



*Photograph 2: South Side Looking North (9/12/2023)*

## **2.0 Critical Construction Periods**

### **2.1 Removal of All Organic Material and Topsoil**

Topsoil and organic material removal activities were not conducted during the quarter.

### **2.2 Placement of Underdrainage Systems**

The underdrainage system was completed in the first quarter of 2010; additional work on this system is not anticipated.

### **2.3 Installation of Surface Drainage Systems**

Both the north and south surface drains on the fill are in the area that is fully bond released.

### **2.4 Placement and Compaction of Fill Materials**

There was no placement of material or contour work done on the fill this quarter. All the required material for the fill has been placed and compacted. It is anticipated there will be no more additional fill material placed on the fill.

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Photograph 3 depicts the east facing slope of the fill.



*Photograph 3: East Side of the Fill Looking West (9/12/2023)*

## **2.5 Revegetation**

Seeding activities did not occur this quarter. There is one topsoil pile located on the fill. The only area on the fill that requires any topsoil and seeding is located under the topsoil pile.

## **3.0 References**

Agapito Associates, Inc. (2009), "Horse Gulch Fill Stability Analysis" submitted to Trapper Mining, Inc., May 29.

Colorado Division of Minerals and Geology (1980), "Regulations of the Colorado Mined Land Reclamation Board for Coal Mining," revised 9/14/05, Section 4.09.1.