



Horse Gulch Fill Quarterly Inspection Report

First Quarter 2023

**Trapper Mining Inc.
Trapper Mine
Craig, Colorado**

TRAPPER MINING INC.
CRAIG, COLORADO

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 March 29, 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



4/3/2023
Date

April 3, 2023

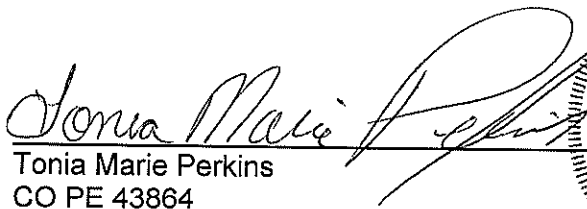
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I certify that this report was prepared by me.


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



April 3, 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 March 29, 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 March 29, 2023, inspection included only the areas not fully bond released.

At the time of the inspection the area was heavily covered with several feet of snow. 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: North Side Looking South (3/29/2023)



Photograph 2: South Side Looking North (10/19/2022)

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.

April 3, 2023

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's anticipated there will be no more additional fill material placed on the fill.

Photograph 3 depicts the east facing slope of the fill.



Photograph 3: East Side of the Fill Looking North-west (3/29/2023)

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.