




**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> T Bone Stone Quarry	<b>MINE/PROSPECTING ID#:</b> M-2004-030	<b>MINERAL:</b> Stone	<b>COUNTY:</b> Boulder
<b>INSPECTION TYPE:</b> Surety-Related Inspection	<b>WEATHER:</b> Cloudy	<b>INSP. DATE:</b> July 26, 2024	<b>INSP. TIME:</b> 11:30
<b>OPERATOR:</b> T Bone Stone, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Bill Tenore	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> High Priority	<b>BOND CALCULATION TYPE:</b> Complete	<b>BOND AMOUNT:</b> \$48,274.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>INSPECTOR(S):</b> Patrick Lennberg	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> August 16, 2024	

**GENERAL INSPECTION TOPICS**

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

(AR) RECORDS----- <u>N</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>N</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>Y</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

Y = Inspected / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

## **OBSERVATIONS**

The T Bone Stone Quarry was inspected by Patrick Lennberg with the Division of Reclamation, Mining and Safety (Division/DRMS). The inspection was completed as part of the enforcement actions being taken by the Division for failure to maintain the financial warranty in good standing for the life of the permit. The site was previously inspected by the Division on May 5, 2022 during a routine monitoring inspection. Bill Tenore, Operator/Permittee, accompanied me during the inspection. The weather was clear.

This is a 112c operation permitted for 25 acres. The affected acreage is 25 acres but only 14.5 acres are to be disturbed at any one time. The maximum depth of mining is limited to 50 feet. The permit is to mine sandstone for building materials and decorative use. The mine is located on property owned by William Tenore and Roberta McLeod Tenore. The mine is located in Boulder County. The site entrance is located approximately 3 miles north of Lyons, CO. The approved post-mining land use is rangeland. A faded mine sign was posted at the mine entrance pursuant to Rule 3.1.12.

As stated above, the inspection was performed as part of the enforcement action being taken by the Division. At the time of writing this inspection report the Operator/Permittee has gained compliance and the Division has accepted the Letter of Credit and it is in good standing. The enforcement action was abated and the matter withdrawn from September Board Hearing. Letters notifying the Operator of the abatement and withdrawal were sent via email on August 12, 2024. The letter of withdrawal was also mailed to the bank.

The quarry was not active at the time of inspection. The operation excavates the stone mainly by hand then cuts the stone on site using portable machinery. The cut stone is palletized and stored on site for transport. Overburden is stockpiled adjacent to the quarries. There is very little to no salvageable topsoil available in the areas that are being mined. In discussions with the Operator no mining activity has occurred at the site since 2023 and the last time material was removed from the site was around that time as well. A review of the annual report indicates mining last occurred at the site in April 2023.

Rule 1.13.5 states, if an Operator temporarily ceases production of the mining operation for one hundred eighty (180) days or more, the Operator must file a Notice of Temporary Cessation in writing to the Office along with the required fee of \$144.00. The Operator appears to have temporarily ceased production since April 24, 2023 without providing the required notice of Temporary Cessation (TC). The start date of the initial 5 year TC period will be retroactive to the last date the pit was active (April 24, 2023). At the end of the initial 5 year period of TC the Operator may request a second period of TC. The Operator is required to ask the Board for a 5 year extension for the second period of Temporary Cessation (per rule 1.13.5 (3) and 1.13.8 (b)). Moving forward the Operator must either reinitiate the mining operation, initiate final reclamation or submit a request for the first period of Temporary Cessation. The form for Temporary Cessation has been attached to this inspection report.

There are three quarry areas, the southern quarry, outlined in orange (site map located at the end of photos below), is approximately 6.7 acres in size and includes the processing area. The north quarry, outlined in blue, is approximately 3.1 acres and the eastern quarry, outlined in purple is 1.6 acres in size. The south quarry is approximately 15 feet deep with overburden stockpiled along its northern and southern edges. Approximately 400 feet of highwall ranging from 3-15 feet in height exist in the south quarry. The north quarry is approximately 30 feet deep with overburden stockpiled along its northern and southern edges. Approximately

325 feet of highwall ranging from 5-30 feet in height exist in the north quarry. A loading and storage area is present just east of the north quarry, on the other side of the access road. The east quarry is approximately 1.6 acres in size, has a highwall length of approximately 240 feet with highwalls that range from 3 to 25 feet.

There are two areas, totaling 1 acre, located in the southeastern part of the permit boundary that have/are being used to store palletized product. The area in green has been reclaimed and has native vegetation becoming established. The area in dark blue contains stored material.

The approved reclamation plan includes backfilling the pits with an average depth of 10 feet of overburden, replacing growth medium at a depth of four inches, ripping any storage areas to reduce compaction, and revegetating the site with a mixture of native grasses, Ponderosa Pine trees, and Rocky Mountain Juniper shrubs. All disturbed slopes will be graded to 3H:1V or flatter. Existing roads within the permit area will not be reclaimed. It is recommended that the Operator begin reclamation activities to reduce liability at the site.

The Division evaluated the financial warranty (cost summary attached) and determined the current bond amount held by the Division is adequate at this time. However if no reclamation occurs at the site the financial warranty will increase during the next inspection.

Photographs taken during the inspection are attached.

Please contact Patrick Lennberg by email at [patrick.lennberg@state.co.us](mailto:patrick.lennberg@state.co.us) if you have any questions regarding this report.

**Inspection Contact Address**

Bill Tenore  
T Bone Stone, Inc.  
2337 Emery St  
Longmont, CO 80501

Attachment: Application Form for Temporary Cessation  
Cost Summary Sheet

cc: Jared Ebert, DRMS

ec: Bill Tenore, T Bone Stone, Inc., [tbonestoneinc@msn.com](mailto:tbonestoneinc@msn.com)



## PHOTOGRAPHS



**Photo 1:** Faded mine sign at the primary mine entrance



**Photo 2:** Typical permit boundary marker





**Photo 3:** Quarry area located in the NW corner of the permit area, south wall



**Photo 4:** Quarry area located in the NW corner of the permit area, middle portion of area





**Photo 5:** Overburden stockpile adjacent to quarry area located in the NW corner of the permit area, looking NW



**Photo 6:** Looking down into the east quarry area in the NE portion of the permit area





**Photo 7:** Equipment and material storage area in the north central portion of the permit area



**Photo 8:** Quarry area in the central portion of the permit area





**Photo 9:** Dilapidated shelter with overburden stockpile behind it



**Photo 10:** Marketable and overburden material along southern highwall of central quarry area



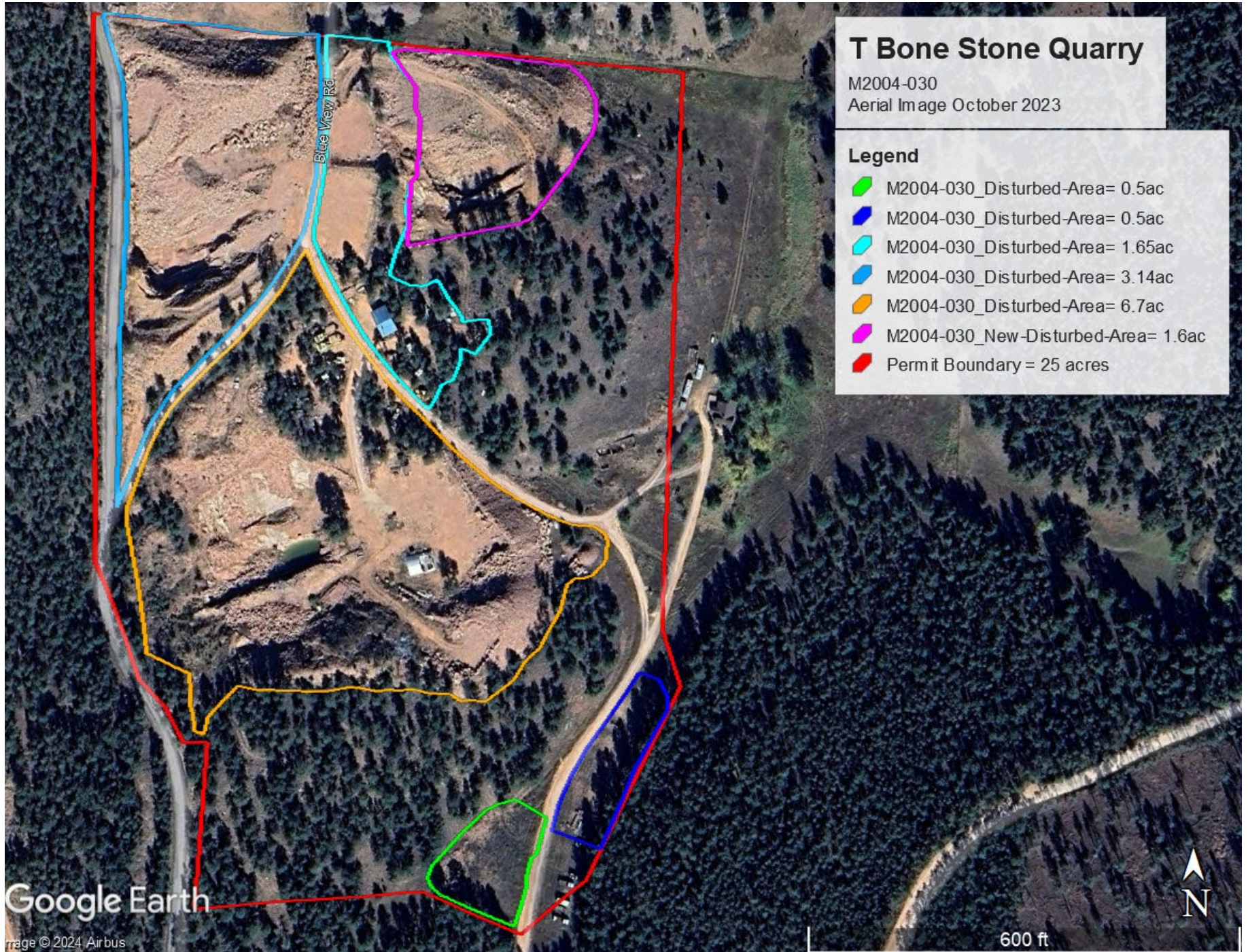


**Photo 11:** Disturbed area on the west side of the road in the southern portion of the permit area



**Photo 12:** Disturbed area on the east side of the road in the southern portion of the permit area







## **Attachments**



# COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY

1313 Sherman Street, Room 215, Denver, Colorado 80203 Phone (303) 866-3567

## TEMPORARY CESSATION NOTICE

(mining activities temporarily cease for more than a one-year period)

Today's date: \_\_\_\_\_

Permit number: M- \_\_\_\_\_ Site name: \_\_\_\_\_

County: \_\_\_\_\_ TC number: \_\_\_\_\_ (DRMS use only)

Permittee making request: \_\_\_\_\_

Operator (if other than permittee): \_\_\_\_\_

Date the initial five-year period of Temporary Cessation begins: \_\_\_\_\_

Reason mining activities (materials extraction, processing, hauling) have ceased:

\_\_\_\_\_  
\_\_\_\_\_

Description of plan to resume operations:

\_\_\_\_\_  
\_\_\_\_\_

Description of plan to meet performance standards of Rule 3.1 during temporary cessation (reclamation, weed control, monitoring, signs, markers, etc.):

\_\_\_\_\_  
\_\_\_\_\_

Number of affected acres: \_\_\_\_\_

Amount of financial warranty (bond) on deposit with the state: \$ \_\_\_\_\_

Required fees for Temporary Cessation by permit type (please mark the correct fee and submit it with this request for Temporary Cessation):

<u>Permit type</u>	<u>Required TR fee</u>	<u>Submitted (mark only one)</u>
Construction Materials	\$144	<input type="checkbox"/>
Hard Rock/ Metal Mining	\$115	<input type="checkbox"/>

**The above-referenced permit has entered Temporary Cessation. This site has reserves remaining to be mined.**

**Operator's signature:** \_\_\_\_\_

*Please note:*

1. While in Temporary Cessation, the operator must continue to comply with the Rules and Act, including maintaining the site, and must continue to file an annual report and annual fee.



## COST SUMMARY WORK

Task description: Cost Summary

Site: T Bone Stone Quarry

Permit Action: 2024 Insp

Permit/Job#: M2004030

### PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 7/26/2024

County: Boulder

Filename: 000

User: JPL

Agency or organization name: DRMS

### TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Backfilling Overburden	DOZER	2	57.01	\$38,490
002	Replace Topsoil	DOZER	2	1.74	\$1,176
003	Rip storage areas for compaction	RIPPER	2	1.16	\$808
004	Revegetate Disturbed Areas	REVEGE	1	24.00	\$8,981
005	Equipment Mobilization/Demobilization	MOBILIZE	1	2.20	\$3,488
<b><u>SUBTOTALS:</u></b>				<b>86.11</b>	<b>\$52,943</b>

### INDIRECT COSTS

#### OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$1,069

Performance bond: 1.05

Total = \$556

Job superintendent: 32.44

Total = \$2,572

Profit: 10.00

Total = \$5,294

TOTAL O & P = \$9,491

CONTRACT AMOUNT (direct + O & P) = \$62,434

#### LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): \$500

Total = \$500

Engineering work and/or contract/bid preparation: 4.25

Total = \$2,653

Reclamation management and/or administration: 5.00

\$3,122

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$15,766

**TOTAL BOND AMOUNT (direct + indirect) = \$68,709**