




**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> Bad Boys Pit	<b>MINE/PROSPECTING ID#:</b> M-1996-081	<b>MINERAL:</b> Gemstones	<b>COUNTY:</b> Teller
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Elliott R. Russell	<b>INSP. DATE:</b> July 17, 2019	<b>INSP. TIME:</b> 14:15
<b>OPERATOR:</b> Bad Boys of Cripple Creek Mining Co., Inc.	<b>OPERATOR REPRESENTATIVE:</b> None	<b>TYPE OF OPERATION:</b> 110(2) - Hard Rock Limited Impact	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$19,600.00	
<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> October 25, 2019	

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

### **PROBLEMS/POSSIBLE VIOLATIONS**

None observed during the inspection.

### **OBSERVATIONS**

This inspection was conducted by Elliott Russell of the Division of Reclamation, Mining and Safety (Division), in response to a telephone conversation with Clint Cross. Mr. Cross represents North Star Turquoise which has been working with Bad Boys of Cripple Creek Mining Co., Inc. (Operator) since late 2017. Mr. Cross indicated that affected lands in the southern portion of the permit have been reclaimed and requested the Division to inspect the area for a potential Acreage Reduction the next time the Division was in the area.

The Division conducted an inspection the Florence Pit (Permit No. M-2001-070 operated by Wallace F. Burtis) located just south of the Bad Boys Pit. After that inspection, the Division inspected and evaluated the reclaimed lands within the Bad Boys Pit that Mr. Cross had discussed over the phone. This reclaimed area is located on property owned by Mr. Burtis. This area was included within the Bad Boys Pit permit through Amendment AM-01 as a part of the corrective action for Violation MV-2017-060 regarding off-site damage.

The Bad Boys Pit is 110(2) Operation and is permitted at 7 acres of land for the extraction of turquoise. The site is located in Teller County, just north of Cripple Creek, Colorado. Affected lands will be reclaimed to support a post-mining land use of rangeland.

This partial inspection focused only on the area of the Burtis property disturbed by the Operator. Impacts to the prevailing hydrologic balance appeared to have been minimized as all slopes have been appropriately backfilled and/or graded. These slopes appeared stable and showed no signs of erosion. This area was vegetated with a diverse stand of mature grass species. Vegetative cover appeared to match adjacent, undisturbed off-site areas. No noxious weed infestations were observed. Mr. Cross indicated that they had stripped rangeland sod from within the Bad Boys Pit permit and relocated it to the Burtis property in the southern portion of the permit. This appears to have helped speed up the timeline for the grass to become established on this area. Reclamation efforts appeared to have been successful on the Burtis property. Nothing observed during the inspection would prevent the Division from approving an acreage reduction release request.

After the inspection, the Division discussed with Mr. Cross that the Operator should submit a Request for Acreage Reduction (AR-01), requesting the southern area of the permit to be released. The Division received AR-01 on September 4, 2019. AR-01 requested to release 0.2 acres of affected lands solely owned by Wallace F. Burtis. AR-01 included a map of the proposed area to be released and new Mining and Reclamation Plan Maps depicting the permit if the request were to be approved. After finding AR-01 complete, the Division notified Wallace F. Burtis, the Teller County Commissions, the Teller County Planning Office, and the Teller-Park Soil Conservation District of the Operator's request to be released from reclamation responsibility, as required by Rule 4.17.2. To date, the Division has not received any comments nor objections to the full release request. On October 25, 2019, the Division approved AR-01 and will be provided under a separate document.

This concludes the Division's Inspection Report; a subset of photographs taken during the time of the inspection are included below. If you need additional information or have any questions, please contact me at Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, by telephone at **303-866-3567 x8132**, or by email at [elliott.russell@state.co.us](mailto:elliott.russell@state.co.us).



## **PHOTOGRAPHS**



**Photo 1.** Reclaimed lands on the Burtis property, south of the mining area (right); looking west.



**Photo 2.** Reclaimed lands on the Burtis property, south of the mining area (background); looking northwest.





**Photo 3.** Reclaimed lands on the Burtis property, south of the mining area (right); looking west.



**Photo 4.** Reclaimed lands on the Burtis property, south of the mining area (background); looking northeast.





**Photo 5.** Sample photo of undisturbed off-site lands on the Burtis property, located east of the reclaimed disturbance; looking east.

**Inspection Contact Address**

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