


**COLORADO**Division of Reclamation,  
Mining and Safety

Department of Natural Resources

**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> Tellier Gravel Pit	<b>MINE/PROSPECTING ID#:</b> M-1998-058	<b>MINERAL:</b> Sand and gravel and material for construc	<b>COUNTY:</b> Routt
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Amy C. Yeldell	<b>INSP. DATE:</b> September 20, 2016	<b>INSP. TIME:</b> 11:30
<b>OPERATOR:</b> Connell Resources, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Kevin Anderson & Tony Connell	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$80,000.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Cloudy	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> September 29, 2016	

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

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

## **OBSERVATIONS**

This inspection was conducted as part of the Colorado Division of Reclamation, Mining and Safety normal monitoring program. The Tellier Gravel Pit is a 112c sand and gravel operation that consists of 25 acres. Kevin Anderson and Tony Connell represented the operator and accompanied Amy Yeldell of the Division on the inspection. The site is located in Routt County approximately four mile east of Milner, Colorado and is accessed from Routt County Road 33A.

The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12. The mine sign was located at the main entrance to the Tellier property. The boundary is delineated by a fence.

This pit is broken up into two areas. The north pit is divided from the south pit by a pipeline that has a buffer. The north pit was mined out first and has been used for excess material stockpiling. The most recent mining occurred in the south pit.

The site was active at the time of the inspection. A dozer was observed. No fuel storage was observed on site. The scale and scale house need to be removed. There is an asphalt mine road up to just past the scales then it turns to dirt. It was indicated that the landowner would like this road to remain. If that is the case a technical revision will be necessary to depict the road post reclamation.

According to Mr. Anderson this site has completed mining and has begun final reclamation. No further extractions will occur, only the selling of stockpiled material. It is unlikely that any of the stockpiled material will require additional crushing/processing.

Final reclamation work has begun. All slopes have been graded to a 4:1, most recently on the southeast corner. Both the north and south pit floors will require topsoil. As well as the recently regraded slopes, approximately 1000 linear feet. Also compacted areas such as the pit floors and any roads to be removed will need to be ripped prior to topsoil replacement.

There are several stockpiles located on the pit floor. These will need to be sold or graded out before final reclamation can be completed. Between the north and south pits there are approximately 4 piles that are 20' x 50' x 50'. As well as a few other very small piles. Stockpiles are stored neatly and are erosion free.

In the north pit there is a topsoil stockpiles that acts as a visual berm. Mr. Connell was unclear if this material would be necessary for reclamation. If calculations prove it not necessary this berm will remain as a screen. Please note that the reclamation plan may need to be updated to reflect this. The other topsoil pile is to the west of the south pit.

Some weeds were observed however it was indicated that they had been sprayed twice this year. This pit may benefit from monthly spraying/monitoring during the active growing seasons. As reclamation progresses the native vegetation becomes more resistant to weed infestations, the spraying regimes can be decreased.

Reclaimed slopes around the north pit appear to have successful reclamation. They have a variety of native grasses growing at an adequate density. Little to no weeds were observe. This area holds no reclamation

liability and does not impact the bond. However if the operator wishes they may request a partial acreage release of this area. Please keep in mind that if this area is released from DRMS jurisdiction it may no longer be used in conjunction with this mining site. If you wish to release this area please submit a release request within 60 days of this report and this inspection will be counted as the release inspection.

The Division currently holds a financial warranty amount of \$80,000 for this site. The bond was has not been increased since the permit issuance in 1998. In an effort to ensure the Financial Warranty adequately, reflects the actual current cost of fulfilling the requirements of the approved reclamation plan the Division has updated the reclamation cost estimate. The Division has found the current bond to be adequate.

No problems or violations were noted during this inspection.

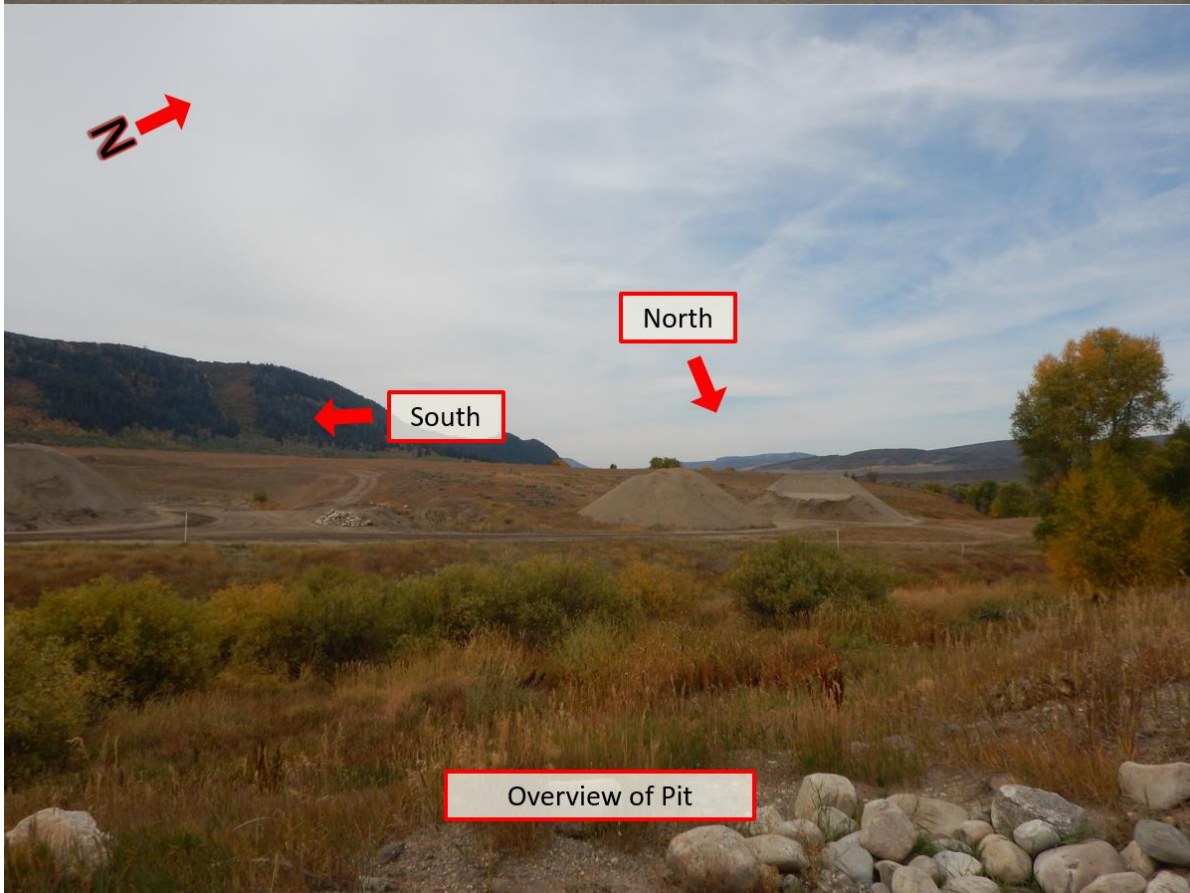
Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@ state.co.us

### PHOTOGRAPHS





Scale and scale house



Overview of Pit



Overview of the south pit



Overview of the south pit











**Inspection Contact Address**

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Enclosure

EC: Russ Means, Senior EPS, GJFO DRMS