



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.

MINE NAME: Jolly Pit #3	MINE/PROSPECTING ID#: M-2016-075	MINERAL: Sand and Gravel	COUNTY: Cheyenne
INSPECTION TYPE: Monitoring	INSPECTOR(S): Timothy A. Cazier	INSP. DATE: September 13, 2017	INSP. TIME: 11:00
OPERATOR: Cheyenne County	OPERATOR REPRESENTATIVE: Vic Gibbs	TYPE OF OPERATION: 110c - Construction Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$0.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: January 12, 2018	

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>NA</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>N</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>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <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 DRMS regular monitoring program. The Permittee (Cheyenne County) was represented by Mr. Vic Gibbs during the inspection. The Jolly Pit No 3 is accessed from the intersection of Cheyenne County Roads 22 and EE and is located approximately 18 miles north of Kit Cason. This is a new 110c sand and gravel mine. It was operating at the time of the inspection.

Availability of Records: This new permit issued March 3, 2017 does not require annual fees and reports until March 3, 2018. This was the first inspection of this new site. The approved post-mine land use is pastureland. There are no open infractions.

Backfilling and Grading: The east and west slopes were flatter than 3H:1V (see **Photo 1**). The north and south slopes were benched and slightly steeper than 3H:1V. No backfill was needed at the time of the inspection.

Excess Spoil and Dev. Waste: Overburden piles were observed and appeared stable.

Financial Warranty: This pit is permitted by Cheyenne County, therefore no bond is required by the Division.

Fish and Wildlife: No impact to fish or wildlife was observed.

Hydrologic Balance: No standing water was observed in the pit and no exposed groundwater was observed.

Gen. Compliance with Mine Plan: The operation appeared to be in compliance with the approved mine plan. High walls were estimated to be 9 to 12 feet in height and appeared stable (see **Photos 1 and 2**).

Off-site Damage: The operation was confined to the permit boundary. A handheld GPS unit (Trimble Juno 3B) was used to collect location points for the four permit boundary corners and survey pins marking the access road that is included in the permit boundary. The resulting data is presented in **Figure 1**.

Processing Waste: No processing waste was observed.

Roads: The haul/access road (see **Photo 3**) is included in this 110c permit boundary and are marked with survey flags and rebar survey markers (see **Photo 4**).

Revegetation: No revegetation efforts had been initiated and no noxious weeds were observed.

Signs and Markers: A permit sign was posted (see **Photo 5**). The permit boundary corners were marked with T-posts, each protected by a large tractor tires (see **Photo 6**).

Permit Stipulations: There are no permit stipulations.

Storm Water MGT Plan: No oil or fuel spills observed. Stormwater drains to the pit and infiltrates as the dried mud in **Photo 2** suggests.

Topsoil: Topsoil stockpiles was observed on the north and south sides of the working area (see **Photo 7**).

Please contact Tim Cazier (303)866-3567 ext. 8169 or email at tim.cazier@state.co.us if you have any questions regarding this report.

PHOTOGRAPHS



Photo 1. Active pit area, bottom (1 of 2, looking east from NW corner of pit).



Photo 2. Active pit area, bottom (2 of 2, looking SE from NW corner of pit, note dried mud).

PHOTOGRAPHS (cont.)



Photo 3. Haul/access road (looking west from County roads 22 & EE).



Photo 4. Typical survey pin marking road boundary.

PHOTOGRAPHS (cont.)



Photo 5. Permit sign (looking west from entrance off County roads).



Photo 6. Typical permit boundary corner marker.

PHOTOGRAPHS (cont.)



Photo 7. Topsoil stockpile on south side of pit (looking east).

Inspection Contact Address

Marcy Brossman
County Administrator
Cheyenne County
51 S. 1st Street / P.O. Box 567
Cheyenne Wells, Colorado 80816

Enclosure

ec: DRMS file

Figure 1. M-2016-075 Jolly Pit #3 Post Inspection Map

Satellite Imagery from 6/9/2014
GPS data collected 9/13/2017 using a Trimble Juno 3B

Legend

 Jolly Pit #3

 M-16-75 Boundary

 Survey Pin

 T-Post

