




MINERALS PROGRAM INSPECTION REPORT
PHONE: (303) 866-3567

The Division of Reclamation, Mining and Safety 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: Harmony Gardens Site	MINE/PROSPECTING ID#: M-2017-021	MINERAL: Sand and gravel	COUNTY: Weld
INSPECTION TYPE: Monitoring	INSPECTOR(S): Peter S. Hays	INSP. DATE: May 6, 2019	INSP. TIME: 12:00
OPERATOR: Connell Resources, Inc.	OPERATOR REPRESENTATIVE: Kevin Anderson	TYPE OF OPERATION: 110c - Construction Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$51,335.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: May 20, 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>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>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>N</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <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 / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

The Harmony Gardens Site was inspected by Peter Hays and Brock Bowles with the Division of Reclamation, Mining and Safety (Division/DRMS) as part of the Division's monitoring inspection program. Mr. Kevin Anderson with Connell Resources, Inc. was present during the inspection. The site was previously inspected by the Division on January 17, 2018.

The 110 limited impact construction materials permit application was issued by the Division on August 2, 2017. The site is permitted for 9.90 acres with 7.7 acres of mining disturbance and 2.2 acres of roads and offsets. The site is divided into 2 mining phases: East and West Pits. The mining phases are separated by the Sinclair pipeline. The site is located adjacent to the permitted Harmony Windsor Site, M-2017-056. Mining activity at the site concluded in May 2018 according to the 2019 annual report submitted by the Operator. The pit floor was dry and no erosion features were observed during the inspection.

The approved post mining land use is general agriculture. The site is in final reclamation. All slopes were regraded to the approved 3H:1V slope or into the adjacent mine site topography. Topsoil was replaced at a depth of two (2) inches on the pit floor and four (4) inches on the pit slopes. The site was seeded and mulched in September 2018. Evidence of reclamation drill rows and crimped mulch were observed during the inspection. The approved seed mixture consists of blue grama, western wheatgrass and sideoats grama. The reclamation grasses were poorly establish with bare spots. Annual and noxious weeds including; kochia, a mustard variety, Canada thistle, musk thistle, field bind weed and redstem filaree were observed during the inspection. The Operator was aware of the weed issue and will implement the approved weed control plan for the site to control the establishment of annual and noxious weeds at the site. The site will be evaluated by the Operator to determine if additional revegetation efforts are needed after one full growing season. The landowner planted trees associated with a tree farm business on the pit floor of the West Pit. The Division will not require the removal of the trees to comply with the approved Reclamation Plan.

The required mine sign was observed and the boundaries of the affected land were delineated as required by Rule 3.1.12. The Division currently holds a financial warranty in the amount of \$51,335.00, which is adequate to complete reclamation at the site. Photographs taken during the inspection are attached.

Inspection Contact Address

Kevin Anderson
Connell Resources, Inc.
7785 Highland Meadows Parkway
Fort Collins, CO 80528

Ec: Michael Cunningham, DRMS

PHOTOGRAPHS



Harmony Gardens Site mine sign



View of the East Mining Area from the northwest corner looking east



View of the East Mining Area from the northwest corner looking southeast



View of the East Mining Area pit floor vegetation



View of the East Mining Area pit floor from the middle of the area looking east



View of the East Mining Area pit floor from the middle of the area looking west



View of the East Mining Area from the northwest corner looking east



View of the East Mining Area from the northwest corner looking southeast



View of the East Mining Area from the southwest corner looking east



View of the East Mining Area from the southwest corner looking northeast



View of the West Mining Area from the south side looking north



View of the West Mining Area from the south side looking north