




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: Glass Gravel Pit	MINE/PROSPECTING ID#: M-1981-022	MINERAL: Sand and gravel	COUNTY: Larimer
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: September 16, 2022	INSP. TIME: 11:00
OPERATOR: Connell Resources, Inc.	OPERATOR REPRESENTATIVE: Kevin Anderson	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE:	BOND AMOUNT: \$116,700.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Brock Bowles	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: October 6, 2022	

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>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>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>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</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

This inspection was conducted by Brock Bowles of the Division of Reclamation, Mining and Safety (Division). Kevin Anderson of Connell Resources (operator) were present for the inspection. The Glass Pit is located ½ mile north of Fort Collins in Larimer County. This site is a 112c gravel pit permitted for 15.4 acres. At the time of the inspection it was warm, partly cloudy and the ground was dry.

The mine entrance sign was in place facing Taft Hill Road (photo 1) and the entrance gate was locked upon arrival. The permit boundary was marked with a chain link fence on all sides of the permit boundary. A front-end loader was on site but no mining was taking place.

The Amendment 2 application (2005) states that mining is complete and the reclamation plan is to backfill the pond. The post mining land use was changed to general agriculture, which is the same as the pre-mining land use.

The AM2 application did not include a post-mining contour map, however, there is a pre-mining map from 1986 showing the original contours of the area (attached). The pre-mining topography should be used for the post-mining topography because the post-mining land use is the same as the pre-mining land use and the mine is situated in the Poudre River flood plain.

What is the proposed final topography and when is it expected to be achieved?

The site appears to be mostly backfilled (photo 2) and level with the surrounding landscape. There are a couple of stockpiles that need to be graded flat to blend in (photos 3 & 4). The 2015 inspection report stated that the pond contained water. No pond or exposed groundwater was seen within the permit area during this inspection.

An affidavit was included in the AM2 application stating that all material imported will be clean and inert fill as defined in Rule 1.1(20) (2019 updated Rule 1.1(22))

The site was recently mowed to control weeds (photo 5). The topsoil stockpiles were along the southern fence. The stockpiles were not well vegetated with desirable vegetation (photo 6). The stockpiles need to be seeded with desirable vegetation.

PHOTOGRAPHS



Photo 1 – Mine entrance sign facing Taft Hill Road



Photo 2 – Southeast corner of former pit area



Photo 3 – Stockpile on east end of permit area.



Photo 4 – Stockpiles on west side of permit area



Photo 5 – Northeast corner of permit area has been mowed



Photo 6 – Topsoil stockpile along southern fence

Inspection Contact Address

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