




## 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> Bettger Gravel Pit	<b>MINE/PROSPECTING ID#:</b> M-1976-051	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Routt
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Tabetha Lynch	<b>INSP. DATE:</b> July 28, 2022	<b>INSP. TIME:</b> 08:00
<b>OPERATOR:</b> Duckels Construction, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Fred Duckel	<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> \$46,475.00
<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> August 26, 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>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>N</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>NA</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>NA</u>	

Y = Inspected / 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 Bettger Pit is a 112c sand and gravel operation that consists of 87.5 acres. Fred Duckel represented the operator and accompanied Tabettha Lynch of the Division on the inspection. The site is located in Routt County approximately five mile northwest of Steamboat Springs, Colorado and is accessed from Hwy 40.

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 from Highway 40. The permit boundary is delineated by t-posts.

The site was active at the time of the inspection. The current excavation is 200' x 200' and highwalls are 10'-20' tall. Less than 4 acres area currently disturbed. Mining is progressing north. Material excavated from Bettger Gravel Pit is hauled to the Houge/River Pit (M-1992-066) for processing. Both sites are operated by Duckels Construction, Inc. and are located within a mile of one and another.

No groundwater was observed in the excavated portions. The regraded pit floor is above the water table and no exposed ground water remains post-mining.

There are several well reclaimed alfalfa fields to the south of the current operation. These areas are properly sloped and appear to meet the requirements of the approved reclamation plan. The Division would like to remind the operator that areas that have successfully complied with the approved reclamation plan may be incrementally released thus releasing that portion of land from DRMS jurisdiction. It also reduces the overall liability of the site.

Topsoil is present and available for final reclamation. The operator indicated mining will finish this year. The area will likely be seeded in the fall and final reclamation is expected to be completed next year.

No fuel or other hazardous materials are stored on site. No buildings have been erected. Equipment was observed on site.

Very few weeds were observed on site.

The Division currently holds a financial warranty amount of \$46,475 for this site. The bond was last updated in 2016. 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 will be updating the reclamation cost estimate. You will be notified if the current bond is found insufficient. A copy of the staff calculations will be sent under separate cover.

No problems or violations were noted during this inspection. Responses to this inspection report should be directed to: Tabettha Lynch at the Division of Reclamation, Mining and Safety. Mailing: DRMS Rm 215, 1001 E 62nd Ave, Denver CO 80216. Direct contact can be made by phone at 720-618-0860 or via email at [tabetha.lynn@state.co.us](mailto:tabetha.lynn@state.co.us)

## **PHOTOGRAPHS**



Overview of the remaining disturbance with reclaimed area in background, which are well established alfalfa fields



Access road to disturbed area

### **Inspection Contact Address**

Fred Duckel  
Duckels Construction, Inc.  
3500 Duckels Court  
Steamboat Springs, CO 80487