




## 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> Hogue/River Pit	<b>MINE/PROSPECTING ID#:</b> M-1992-066	<b>MINERAL:</b> 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. dba Yampa Aggre	<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> \$74,319.00	
<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>N</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>	(RS) RECL PLAN/COMP-- <u>Y</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>NA</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 as part of the Colorado Division of Reclamation, Mining and Safety normal monitoring program. The Hogue/River Pit is a 112c gravel operation that consists of 62.70 acres. Fred Duckel accompanied Tabetha Lynch of the Division on the inspection. The site is located in Routt County approximately five miles northwest of Steamboat Springs, Colorado and is accessed from Highway 40.

**The mine identification sign was missing.** The affected area boundary markers are in place and in compliance with Rule 3.1.12. The Mine sign was previously located at the main entrance from Highway 40. The permit boundary is delineated by t-posts. A scale and scale house are located at the entrance to the pit.

The site was active at the time of the inspection. Material was being hauled to the processing plant. Per the land owners request mining will occur in 200' swaths to limit disturbance. The mining of materials goes down to the underlying shale. Other highwalls throughout the permit boundary have slopes ranging from near vertical to 2:1. Slopes are stable with no visible erosion.

Several piles of various stockpiled material was observed. At this site material is crushed, screened and washed for processing. Cement and asphalt is imported. These products are crushed then resold. There are several visual berms between the site and HWY 40, these are to remain post-reclamation.

Material excavated from Bettger Gravel Pit (M-1976-051) is hauled to the Hogue/River Pit for processing. Both sites are operated by Duckels Construction, Inc. and are located within a mile of one and another.

There are five ponds on site at the time of the inspection. Upon final reclamation one pond, approximately 43.5 acres will remain. It is noted that though the operator has the Division of Water Resources approval, the Division does not have a copy of the necessary permit.

The large western pond appears to be mostly reclaimed. Only areas adjacent to the current mining operation will require additional work. The small sediment pond is also well vegetated and stable. Likewise additional reclamation efforts have been employed on the north and west pit walls adjacent to Hwy 40. Highwalls have been backfilled to a 2:1 slope in some portions as mining has progressed. Throughout the site there are several areas where interim reclamation has been implemented.

The required 200' berm between the pit and the Yampa River remains in place and adequate.

The site overall is very neat and well organized. There was no evidence of leaks or other spills. No fuel is stored on site.

The Division currently holds a financial warranty amount of \$74,319 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. The estimate will be sent under a separate cover.

## PHOTOGRAPHS

Overview of western lake looking south



Disturbed area looking north



Looking east at stockpiles and processing





One of the smaller ponds that will be reclaimed into larger pond. Looking east

**Inspection Contact Address**

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