




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: Bottomless Pit	MINE/PROSPECTING ID#: M-2001-068	MINERAL: Gravel and sand	COUNTY: Las Animas
INSPECTION TYPE: Surety Release Inspection	INSPECTOR(S): Peter Hays	INSP. DATE: August 29, 2022	INSP. TIME: 11:00
OPERATOR: Tamrock Gravel LLC	OPERATOR REPRESENTATIVE:	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Surety Release Requested	BOND CALCULATION TYPE:	BOND AMOUNT: \$56,204.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: September 21, 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>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>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>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 Bottomless Pit was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) to evaluate the final financial and performance warranties release request (SL1) filed with the Division on June 28, 2022. The Division is required by Rule 4.17.2(2) to inspect the site within sixty (60) days to determine if the Permittee complied with all applicable requirements. Mrs. Tami Tamburelli with Tamrock Gravel LLC was present during the inspection. The site was previously inspected by the Division on August 28, 2020.

The Division will approve the final financial and performance release warranties request (SL1) based on the observations from this inspection.

The site is located approximately 9 miles northeast of Trinidad, Colorado in Las Animas County. The site is a 112 Construction Materials Reclamation Permit (112c) operation permitted for 327.5 acres.

The approved post-mining land use is rangeland. The approved Reclamation Plan requires the slopes to be graded to a maximum 3H:1V grade except when the pit daylights to the natural topography. Topsoil will be replacement at a depth of 6-9 inches. The disturbed acres will be revegetated with an NRCS approved seed mixture which includes; little bluestem, blue grama, sideoats grama and western wheatgrass. No lakes or ponds will remain after site reclamation.

The site consists of two (2) mining areas; a northern area and the southern area. The northern area was reclaimed several years ago. The vegetation in the area consisted of well-established reclamation grasses and volunteered vegetation including: cactus, rabbit brush and snakeweed. The reclamation vegetation displayed evidence of several growth cycles and contained seed heads. The southern area was reclaimed a few years ago. The area consisted of well-established reclamation grasses with fewer volunteered species compared to the northern area. Annual weeds including kochia and sunflowers were observed during the inspection. The reclamation and native grasses and shrubs appeared to be outcompeting the annual weeds. Overall, the site vegetation well-established, self-sustaining and was consistent with the vegetation observed in the rangeland adjacent to the site.

The mine identification sign and affected area boundary markers were observed pursuant to Rule 3.1.12. The financial warranty in the amount of \$56,204.00 will be released by the Division within thirty (30) days pursuant to Rule 4.17.2(5). No comments were received by the Division during the public comment period for the release request from the landowner or other state agencies.

Photographs taken during the inspection are attached. If you need additional information or have any questions, please contact me at the Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, by telephone at 303.866.3567 x 8124, or by email at peter.hays@state.co.us.

Inspection Contact Address

Tami Tamburelli
Tamrock Gravel LLC
137 Plum Street
Trinidad, CO 81082

Ec: Jared Ebert, DRMS

PHOTOGRAPHS



Bottomless Pit mine sign



View of the vegetation in the northern area



View of the vegetation in the northern area



View of the vegetation in the northern area



View of the vegetation in the southern area



View of the vegetation in the southern area



View of the vegetation in the southern area



View of the vegetation in the southern area



View of the vegetation in the southern area



View of the vegetation in the southern area



View of the vegetation in the southern area



View of the repaired erosion feature in the southeast corner of the site