




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: Gardels Pit	MINE/PROSPECTING ID#: M-2005-033	MINERAL: Sand and gravel	COUNTY: Larimer
INSPECTION TYPE: Monitoring	INSPECTOR(S): Brock Bowles	INSP. DATE: February 15, 2022	INSP. TIME: 09:30
OPERATOR: Coulson Excavating Company, Inc.	OPERATOR REPRESENTATIVE: Ken Coulson	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE:	BOND AMOUNT: \$291,800.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: April 18, 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>N</u>
(HB) HYDROLOGIC BALANCE----- <u>N</u>	(BG) BACKFILL & GRADING----- <u>N</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>N</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>N</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). Ken Coulson of Coulson Excavating Co (Operator) was present for the inspection. The Gardels Pit is located 1 mile southeast of Loveland. The site is an active 112c operation with 30.0 acres permitted and the post-mining land use is agriculture. This inspection was carried out as a part of the Division's routine monitoring inspection program. At the time of the inspection it was cool, overcast and the ground was partly snow covered.

The permit entrance sign was in place on the scale house at the mine entrance to the Brownwood Pit, M-1979-059 (photo 1). Access to the Gardels Pit is limited. The bridge used to access the pit from the Brownwood Pit (south) across the Big Thompson River has been removed. The northern boundary of the pit is a residential neighborhood and an electrical substation. On the west side is the Loveland water treatment plant. Access was further limited by the snowy/muddy ground conditions. The site was observed from the Brownwood side of the Big Thompson River.

The mine site has been reclaimed as noted in previous inspection reports. The site was well vegetated and no disturbance was seen (photo 2).

There are 3 ponds on the site. The west pond (Cell B) has a clay liner and was approved by the Office of the State Engineer in 2012. The two east ponds are ground water ponds (Cells C & D). The SWSP for the Gardels Pit expired in Dec 2020. An updated application has been submitted to DWR and is pending approval. An *Application for a Plan for Augmentation* is scheduled to appear in water court in February 2024, case #19CW3157 to cover 8.8 acres of ponds.

Mining has been completed at this site. If the operator intends to backfill either Ponds C or D with inert material that was generated from outside the approved permit area, a technical revision will need to be submitted to change the reclamation plan as per Rule 3.1.5(9) before backfilling begins.

PHOTOGRAPHS



Photo 1 – Mine entrance sign on the Brownwood Pit scale house



Photo 2 – Gardels Pit looking north from the Brownwood Pit

Inspection Contact Address

Ken Coulson
Coulson Excavating Company, Inc.
3609 North County Road 13
Loveland, CO 80538

Enclosure

CC: