




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: Pueblo Cement Plant and Limestone Quarry	MINE/PROSPECTING ID#: M-2002-004	MINERAL: Limestone (general)	COUNTY: Pueblo
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: November 17, 2023	INSP. TIME: 10:30
OPERATOR: GCC Rio Grande, Inc.	OPERATOR REPRESENTATIVE: Amy Rodriguez	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$2,539,432.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Brock Bowles	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: January 11, 2024	

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>Y</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>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 was a routine monitoring inspection conducted Brock Bowles of the Division of Reclamation, Mining and Safety (Division). Amy Rodriguez of GCC Rio Grande Pueblo Cement Plant (Operator) was present for the inspection. The weather during the inspection was clear, warm and the ground was dry.

The Pueblo Cement Plant and Limestone Quarry is in Pueblo County approximately 8 miles south southeast of Pueblo, Colorado. It is a 112c permit with 2,500 permitted acres. The permit was issued in August 2003. The primary commodity mined at the site is limestone. The approved post-mining land use for the quarry area is rangeland and industrial/commercial for the plant site area.

In Nov 2023, TR12 was approved to update the groundwater monitoring plan by adding 10 additional wells. The wells will be installed in 2024.

Financial Warranty:

The Division currently holds a corporate surety \$2,539,432.00. The reclamation cost estimate was recalculated as part of this inspection and includes the monitoring wells approved in TR12. A copy of the estimate will be sent to the operator for review under separate cover.

Hydrologic Balance:

Wells MW-6, MW-7 and MW-8 were inspected. Each well pipe was set in a concrete pad and the well cap was locked. 4 cement filled pipes were set at each corner of the concrete pads to protect the well pipe from being damaged by vehicles. This is the configuration the new wells approved in TR12 will be installed (photo 1).

The sediment pond in the northeast corner of Block-1 contained water (photo 2). A pump was located on the west side of the pond and is used to manage the water level by discharging to an unnamed arroyo to the St. Charles River according to Discharge Permit #COG501540.

Gen. Compliance With Mine Plan:

Mining is currently taking place in the northeast section of Block-3 (photo 3). The working highwall is following the northern boundary of Block-3 to the southeast and eventually into Block-4 (see map). A drill rig was drilling holes preparing for the next blast. The conveyor system has been set up to move material from the northeast sections of Blocks-3 and -4.

Mining was not taking place in the southwest section of Block-3 (photo 4). This area was being utilized for material and overburden storage. No backfill or grading has been completed in this area.

Revegetation:

The northern part of the mining area is known as Block-1 (photo 5). This area is mostly reclaimed with the slopes graded, the pit floor was graded, and vegetation is growing. Only the main haul road, conveyor corridor and the sediment pond need to be reclaimed in Block-1.

Most of the disturbed areas in Block-2 have been reclaimed according to the 2023 annual report map. The haul road, conveyor corridor and small highwall have not been reclaimed.

Signs and Markers:

The mine entrance sign required by Rule 3.1.12 was posted at the entrance gate facing Lime Road.

Topsoil:

The topsoil has been removed in front of the active highwall. The soil was hauled to areas that are being reclaimed in Block-2.

PHOTOGRAPHS



Photo 1 – Monitoring wells -6, and -7



Photo 2 – Sediment Pond



Photo 3 – Active mining highwall in Block-3



Photo 4 – Southwest area of Block-3



Photo 5 – Mining area Block-1

Inspection Contact Address

Amy Rodriguez

GCC Rio Grande, Inc.
3372 Lime Road
Pueblo, CO 81004

Enclosure

CC:

Figure 1. Location map.

