




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: Irwin/Thomas Mine	MINE/PROSPECTING ID#: M-2016-054	MINERAL: Sand and gravel	COUNTY: Boulder
INSPECTION TYPE: Surety-Related Inspection	WEATHER: Cloudy	INSP. DATE: January 13, 2023	INSP. TIME: 09:00
OPERATOR: Holcim - WCR, Inc.	OPERATOR REPRESENTATIVE: Wyatt Webster	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Surety Related	BOND CALCULATION TYPE:	BOND AMOUNT: \$2,747,911.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Patrick Lennberg	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: January 19, 2023	

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>N</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>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</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>Y</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 Irwin/Thomas Mine (M2016-054) was inspected by Patrick Lennberg of the Division of Reclamation, Mining, and Safety (Division/DRMS). The inspection was completed in response to a partial acreage release request (AR-1), submitted in accordance with Rule 4.17, received by the Division on December 19, 2022. The site was previously inspected by the Division on August 26, 2022 in response to a Succession of Operators application (Revision No. SO-1). The Division approved SO-1 on July 29, 2022. Wyatt Webster representing the Operator, Holcim – WCR, Inc., was present during the inspection.

The Irwin/Thomas Mine is located in Boulder County at the southeastern edge of Longmont, Colorado and is accessed from the northeast off N 119th Street. The site is situated at the confluence of Left Hand Creek and St. Vrain Creek. The approved post-mining land use is agriculture. New mine signs updating the new permittee name have been ordered and will be posted as soon as they are received.

Per Rule 4.17.2(1) the Division sent notice of the release request to the Boulder County Commissioners, Boulder Planning Director, the Longmont Soil Conservation District, the various landowners, and the Operator. The Division has not received any comments from the noticed parties.

The release request is for 62.96 acres located along the west side of Mining Area 1 (MA-1). These acres were recently involved in a land transaction that has resulted in a Costco warehouse being constructed, several feeder roadways for the warehouse and it appears, by review of the assessor's website, the future location of potential residential housing construction.

The Irwin/Thomas mine has yet to begin mining activities. Currently, the Division is reviewing TR-1 for the site that updates the Mining and Reclamation Plans and Maps among other things. The Division reviewed aerial imagery of the site using Google Earth Pro and determined that no mining activities had occurred at the site. Imagery indicates the first disturbance of the release area by contractors occurred in January 2022 and by April 2022 the release area had been mostly affected by non-mining related activities.

Based on observations made during this inspection the request for partial release of the permitted area will be approved. The release of 62.96 acres will reduce the permit area to 232.84 acres from 295.8 acres and the affected area will reflect the release and be 232.84 acres. Please note the currently approved disturbed area of MA-1 is 114.9 acres and will be reduced by 63 acres to 51.9 acres with the approval of AR-1. Prior to affecting land within Mining Areas 2, 3, or 4, the Operator must submit and obtain Division approval of a Technical Revision to increase the maximum disturbed area to more than the currently approved 51.9 acres.

Notice of the Division's decision regarding the release request will be sent under a separate cover letter.

Photographs taken during the inspection are attached.

Please contact Patrick Lennberg (303)866-3567 ext. 8114 or email at patrick.lennberg@state.co.us if you have any questions regarding this report.

Inspection Contact Address

Wyatt Webster
Holcim - WCR, Inc.
1687 Cole Blvd., Suite 300
Golden, CO 80401

cc: Jared Ebert; DRMS

ec: Barbara Brunk, Resource Conservation Partners, LLC, barbb@dgmlc.com
Wyatt Webster, Holcim – WCR, Inc., wyatt.webster@holcim.com

PHOTOGRAPHS



Photo 1: Looking west from the access road towards the Costco under construction



Photo 2: Looking south along the access road, the road continues beyond the barricades



Photo 3: Looking north along the access road, road continues to a signal regulated junction with Hwy 119



Photo 4: Drainage swale between develop area and mining permit area



Photo 5: Looking southeast from the top of a screen berm adjacent to drainage swale, silt fence is approximate new permit boundary



Photo 6: Looking east from the top of a screen berm adjacent to drainage swale, across permit area



Photo 7: Release area as of April 2022



Photo 8: Release area as of September 2021