



COLORADO

Division of Reclamation,
Mining and Safety


Department of Natural Resources

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: Wattenberg Lakes	MINE/PROSPECTING ID#: M-2004-051	MINERAL: Aggregate	COUNTY: Weld
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: December 24, 2022	INSP. TIME: 10:00
OPERATOR: Holcim - WCR, Inc.	OPERATOR REPRESENTATIVE: Wyatt Webster	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$520,000.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
INSPECTOR(S): Peter Hays	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: March 2, 2023

The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.

INSPECTION TOPIC: Gen. Compliance With Mine Plan

PROBLEM: The approved Mining Plan states a minimum 25 foot setback will be maintained from the permit boundary with at least a 40 foot offset from the permit boundary or county roads when slurry walls are to be installed. The Operator allowed the southern shoreline of the Phase 2 / Pond 1 to erode into the required 40 foot offset. This a problem pursuant to CRS 34-32.5-116(4)(j) for failure to stabilize the affected area and failure to effectively control erosion.

CORRECTIVE ACTIONS: The Division will require the Operator to backfill and grade the Phase 2 / Pond 1 Mining Area to reestablish the required 40 foot offset from the southern permit boundary / County Road 23 ¾ and provide evidence this was completed by the corrective action date.

CORRECTIVE ACTION DUE DATE: 7/31/23

OBSERVATIONS

The Wattenberg Lakes site was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) in response to a citizen complaint (CT3) received by the Division on February 22, 2023. Mr. Wyatt Webster with Holcim - WCR, Inc. (Operator) was present during the inspection.

The complaint from Ms. Sherie Gould contained concerns regarding the offsets from the southern highwall of the Phase 2 / Pond 1 Mining Area and Weld County Road 23 ¾.

The approved Mining Plan states where slurry walls are to be installed, the limit of mining will be at least forty (40) feet from the proposed permit boundary or county roads. The Phase 2 / Pond 1 Mining Area will be converted into a reservoir with the installation of a slurry wall during reclamation. The slurry wall is currently being designed by the Operator's consultant.

The Division and the Operator measured the current offsets from the north edge of WCR 23 ¾ to the top of slope along the southern shoreline of Phase 2 / Pond 1 at nine (9) locations. The offsets were measured at 43 feet, 37 feet, 34 feet, 33 feet, 31 feet, 20 feet, 18 feet, 19 feet and 42 feet from west to east along the boundary. Seven (7) of the measured offsets are not in compliance with the requirements of the approved Mining Plan.

As cited as a problem above, the Division will require the Operator to backfill and grade the Phase 2 / Pond 1 Mining Area to re-establish the required 40 foot offset from County Road 23 ¾ and provide evidence this was completed by the corrective action date.

No evidence of instability which could potentially effect CR 23 ¾ was observed during the inspection. The Operator stated daily monitoring inspections of the road are conducted as part of the mine site operations.

Photographs taken during the inspection are attached. If you need additional information or have any questions, please contact me at 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

Wyatt Webster
Aggregate Industries - WCR, Inc.
1687 Cole Blvd.
Golden, CO 80401

Ec: Jared Ebert, DRMS

PHOTOGRAPHS



View of the 43' measured offset from WCR 23 ¾ and the southern shoreline of Phase 2 / Pond 1



View of the 37' measured offset from WCR 23 ¾ and the southern shoreline of Phase 2 / Pond 1



View of the 34' measured offset from WCR 23 $\frac{3}{4}$ and the southern shoreline of Phase 2 / Pond 1



View of the 33' measured offset from WCR 23 $\frac{3}{4}$ and the southern shoreline of Phase 2 / Pond 1



View of the 31' measured offset from WCR 23 $\frac{3}{4}$ and the southern shoreline of Phase 2 / Pond 1



View of the 20' measured offset from WCR 23 $\frac{3}{4}$ and the southern shoreline of Phase 2 / Pond 1



View of the 18' measured offset from WCR 23 $\frac{3}{4}$ and the southern shoreline of Phase 2 / Pond 1



View of the 19' measured offset from WCR 23 $\frac{3}{4}$ and the southern shoreline of Phase 2 / Pond 1



View of the 42' measured offset from WCR 23 ¾ and the southern shoreline of Phase 2 / Pond 1

GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>N</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>PB</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