




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	INSPECTOR(S): Peter Hays	INSP. DATE: January 13, 2022	INSP. TIME: 11:00
OPERATOR: Aggregate Industries - WCR, Inc.	OPERATOR REPRESENTATIVE: Neil Whitner, Wyatt Webster	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$520,000.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: February 8, 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>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>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>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 Wattenberg Lakes site was inspected by Peter Hays and Connor Drinkard with the Division of Reclamation, Mining and Safety (Division/DRMS) as part of the Division's monitoring inspection program. Mr. Neil Whitner and Mr. Wyatt Webster with Aggregate Industries, Inc. (Operator) were present during the inspection. The site was previously inspected by the Division on June 28, 2018. An inspection map based the latest available Google Earth image is attached for reference.

The Wattenberg Lakes 112c permit was issued with conditions by the Division on February 10, 2005. The site is permitted for 420.8 acres with 245 acres of mining disturbance. The Operator is required to notify adjoining landowners, including Peter L. Baurer and Carl C. Eiberger, of any technical revisions submitted to the Division per the permit approval stipulation. The Operator has purchased the Baurer property from the landowner several years ago.

The site was inactive at the time of the inspection. The inspection observations were limited due to the wet ground conditions at the site.

Phase 1 / Pond 2 Mining Area – The mining excavation in the area is mostly complete. The Operator stated the slurry wall was being designed by their consultant. The area was observed from the oil & gas pad during the inspection. The mining area was full of water at the time of the inspection.

Phase 1 / Mining Area 2 – The mining excavation is complete and the area was backfilled by the Operator. A road was built through the phase to access the Phase 1 / Pond 2 mining area. The final grading to create the approved wetland mitigation area will occur during final reclamation of the site.

Phase 1 / Mining Area 3 – The mining excavation is complete and the area was backfilled by the Operator. The final grading to create the approved wetland mitigation area will occur during final reclamation of the site.

Phase 2 / Pond 1 Mining Area – The mining excavation in the area is mostly complete. The Operator stated the slurry wall was being designed by their consultant. The mining area was full of water at the time of the inspection.

Phase 3 / Pond 3 Mining Area – The mining excavation is complete and the area is in final reclamation. The power line through the mining area was relocated and the powerline islands were mined by the Operator since the last inspection. The perimeter slopes were graded to the final 3H:1V slope. The slurry wall around Phase 3 / Pond 3 was installed in 2013. T-posts indicating the centerline of the slurry wall were observed during the inspection. The Division does not have proof of SEO approval of the slurry wall. The Operator will be required to provide the approval letter prior to any future release request for the mining area.

Phase 2 / Mining Area 1 – The mining excavation is complete and the area is being backfilled by the Operator. The final grading to create the approved wetland mitigation area will occur during final reclamation of the site. The Division perform a separate inspection of the area to investigate a complaint of off-site impacts occurring in the area. See the inspection report for CT1 for more information.

The approved post-mining land use for the site is Developed Water Resource. As stated above, the slurry wall has been completed around the Phase 3 / Pond 3 Mining Area. The approved Reclamation Plan states all reservoir slopes will be reclaimed to at least a 3H:1V final grade. The slopes around the perimeter of Phase 3 / Pond 3 Mining Area appeared to be graded to 3H:1V, however the slopes were not measured by the Division. The Operator stated survey control was used while creating the slopes. The Division will require the Operator to verify the required 3H:1V slopes for the reservoirs by submitting survey data verifying the grading prior to Division consideration of any future final or partial release requests at the site.

The Division currently holds a financial warranty in the amount of \$520,000.00. The financial warranty includes the cost to install slurry walls at the site to comply with the Division's long-term exposed groundwater requirement. The site is covered by a current SWSP for all short-term groundwater impacts. The inlet and outlet structures required as part of the approved Reclamation Plan have not been installed.

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

Neil Whitner
Aggregate Industries - WCR, Inc.
1687 Cole Blvd.
Golden, CO 80401

Enclosure - Inspection Map

Ec: Jared Ebert, DRMS

PHOTOGRAPHS



Wattenberg Lakes mine sign



View of the north portion of Phase 1 / Pond 2 Mining Area from the oil & gas pad



View of the south portion of Phase 1 / Pond 2 Mining Area from the oil & gas pad



View of the Phase 2 / Pond 1 Mining Area from the southwest corner looking north



View of the Phase 2 / Pond 1 Mining Area from the southwest corner looking northeast



View of the Phase 3 / Pond 3 Mining Area from the southwest corner looking north



View of the Phase 3 / Pond 3 Mining Area from the southwest corner looking northeast



View of the Phase 3 / Pond 3 Mining Area from the southwest corner looking east



View of the Phase 2 / Mining Area 1 area from the southwest corner looking northeast

Wattenberg Lakes

M-2004-051

January 13, 2022 Inspection Map

Legend

- Phase 1 / Mining Area 2
- Phase 1 / Mining Area 3
- Phase 1 / Pond 2 Mining Area
- Phase 2 / Mining Area 1
- Phase 2 / Pond 1 Mining Area
- Phase 3 / Pond 3 Area

Agg Ind Wattenberg Lakes

Google Earth

2000 ft

