




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: Greeley 35th Ave Pit	MINE/PROSPECTING ID#: M-1977-036	MINERAL: Sand and gravel	COUNTY: Weld
INSPECTION TYPE: Surety-Related Inspection	WEATHER: Cloudy	INSP. DATE: March 7, 2024	INSP. TIME: 08:00
OPERATOR: Martin Marietta Materials, Inc.	OPERATOR REPRESENTATIVE: Julie Mikulas	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Surety Related	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$7,764,000.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Brock Bowles	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: March 28, 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>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). Julie Mikulas and Martina Gilbert of Martin Marietta Materials, Inc. (MMM) were present for the inspection. The 35th Ave Pt is located 0.5 miles north of Greely in Weld County. This site is a 112c gravel pit permitted for 381.38 acres and the post mining land use is developed water resource.

At the time of the inspection, it was cool, overcast and the ground was damp. The mine is an active mine site although no mine was taking place during the inspection. All areas within the mining permit were in various phases of active mining or reclamation. This inspection was conducted as part of the SR1 process.

MMM submitted a Surety Reduction application (SR1) on February 12, 2024 to reduce the bond amount for the completion and certification of the West Pit slurry wall. The Division received one comment from Weld County Dept of Planning Services. These comments were forwarded to MMM.

Hydrologic Balance:

The West Cell Reservoir is the western most reservoir in the 35th Ave permit area (photo 1). It is bordered on the north and west sides by the Cache la Poudre River, and railroad tracks on the south side. A public pedestrian pathway is located between the river and the reservoir but is not within the permit boundary. The east side borders two other ponds currently being mined.

The reservoir was lined with a soil bentonite slurry wall. The leak test was conducted between August and November 2015. The West Cell Reservoir liner was approved by the Division of Water Resources on December 1, 2015. The approval letter is included with the SR1 application package.

The liner is marked on the surface with t-posts spaced every 100-200 feet (photo 2). No surface disturbance or damage was noted in the area of the liner. The pond contained water and a couple black pvc water pipes were in place on the southwest corner of the reservoir to manage the water quantity.

The oil and gas well on the south side of the reservoir was in the process of being reclaimed (photo 3). It looked like the pad had been seeded, mulched, and crimped. A crew was onsite doing the final work. This reclamation work for the oil and gas permit is not regulated by the Division and is only being reported here as an observation that the work was not compromising the integrity of the slurry wall.

The Division will recommend approval of the surely reduction (SR1) based on the observations from this inspection. The notice of DRMS's decision will be sent under separate cover.

PHOTOGRAPHS



Photo 1 – West Cell Reservoir, facing north.



Photo 2 – Liner marked with t-posts.



Photo 3 – Reclamation of oil and gas pad on south side of the reservoir.

Inspection Contact Address

Julie Mikulas
Martin Marietta Materials, Inc.
1800 N. Taft Hill Road
Fort Collins, CO 80521