




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: Dowe Flats Mine	MINE/PROSPECTING ID#: M-1993-041	MINERAL: Limestone (general)	COUNTY: Boulder
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: February 13, 2023	INSP. TIME: 11:00
OPERATOR: CEMEX, Inc.	OPERATOR REPRESENTATIVE: Cita Cisse, Robin Bay	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$12,683,299.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Patrick Lennberg	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: February 21, 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>N</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>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>N</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>Y</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 Dowe Flats Mine was inspected by Patrick Lennberg with the Division of Reclamation, Mining and Safety (Division/DRMS). The inspection was completed as part of the Division's routine monitoring program. The site was last inspected by the Division on June 3, 2020 as part of the routine monitoring program. Cita Cisse and Robin Bay representing the Operator, CEMEX, Inc., accompanied me during the inspection. The weather was clear and mild.

The site is 112c Construction Materials permit for 1,854.45 acres to mine limestone and shale for use in the cement manufacturing process at the Operator's nearby cement plant. The mine is located in Boulder County, approximately 2 miles east of Lyons, CO. The site is accessed from the south off of Hwy 66. The post-mining land use for this site is rangeland and wildlife habitat. The affected lands are owned by the Operator.

The site was actively being reclaimed at the time of the inspection. At the end of September 2022 the Boulder County Commissioners voted 2 to 1 to not renew the Special Use Permit for the mine. At that time, the county gave the Operator three (3) years to complete reclamation activities at the site. The purpose of this inspection was to document the Operator had entered into final reclamation.

Pursuant to Rule 3.1.3 all reclamation shall be carried to completion by the Operator with all reasonable diligence, and each phase of reclamation shall be completed within five (5) years from the date the Operator informs the Board or Office that such phase has commenced, or from the date the Office has evidence that mining or exploration has ceased. In this case the Dowe Flats Mine began final reclamation activities beginning October 2022 and will have to complete reclamation by October 2027.

The Operator was reminded that as they complete major reclamation milestones they may submit a surety reduction request with a detailed accounting of the reduction amount for the Division's consideration.

The Division evaluated the financial warranty and determined the current bond amount held by the Division is adequate at this time.

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

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cc: Jared Ebert, DRMS

ec: Scott Harcus, CEMEX, Inc., scotta.harcus@cemex.com

PHOTOGRAPHS



Photo 1: A haul truck being loaded with salvaged overburden material to backfill mine pits



Photo 2: A view of the overburden stockpile face being used for backfill



Photo 3: A view of the overburden piles placed in the pit area

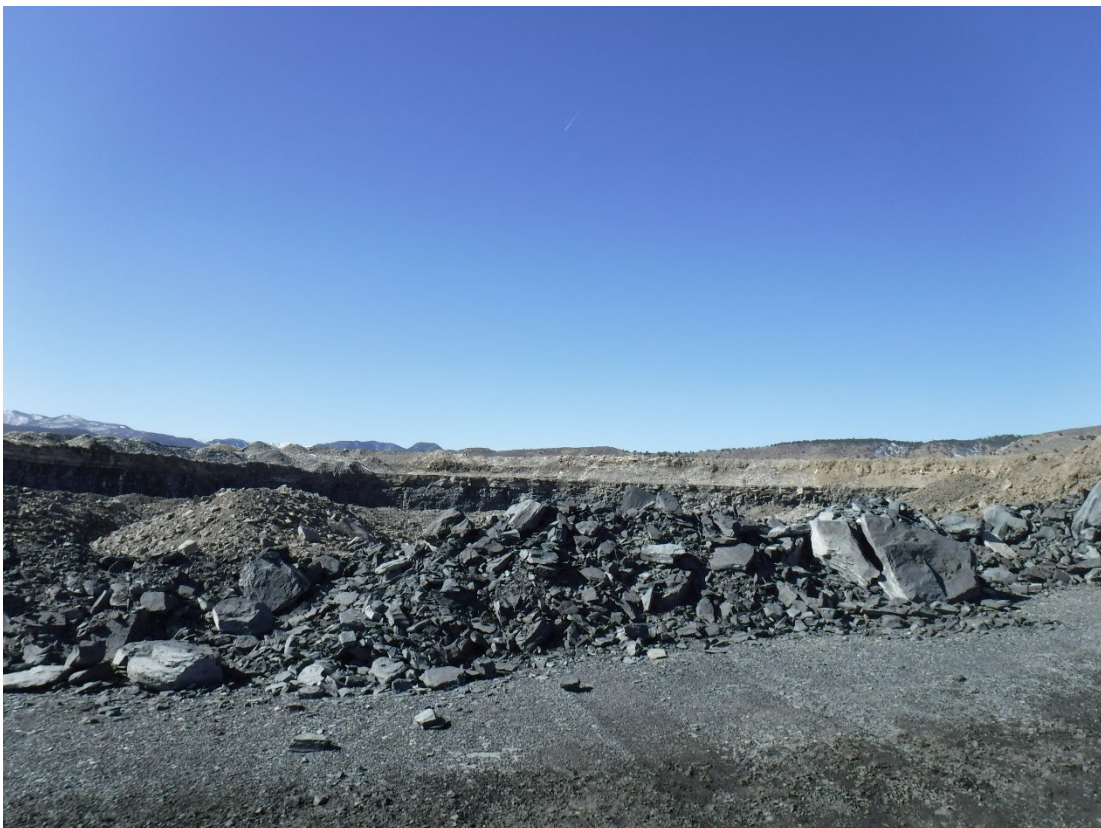


Photo 4: A view of the overburden piles placed in the pit area



Photo 5: Looking down into the overburden loading area

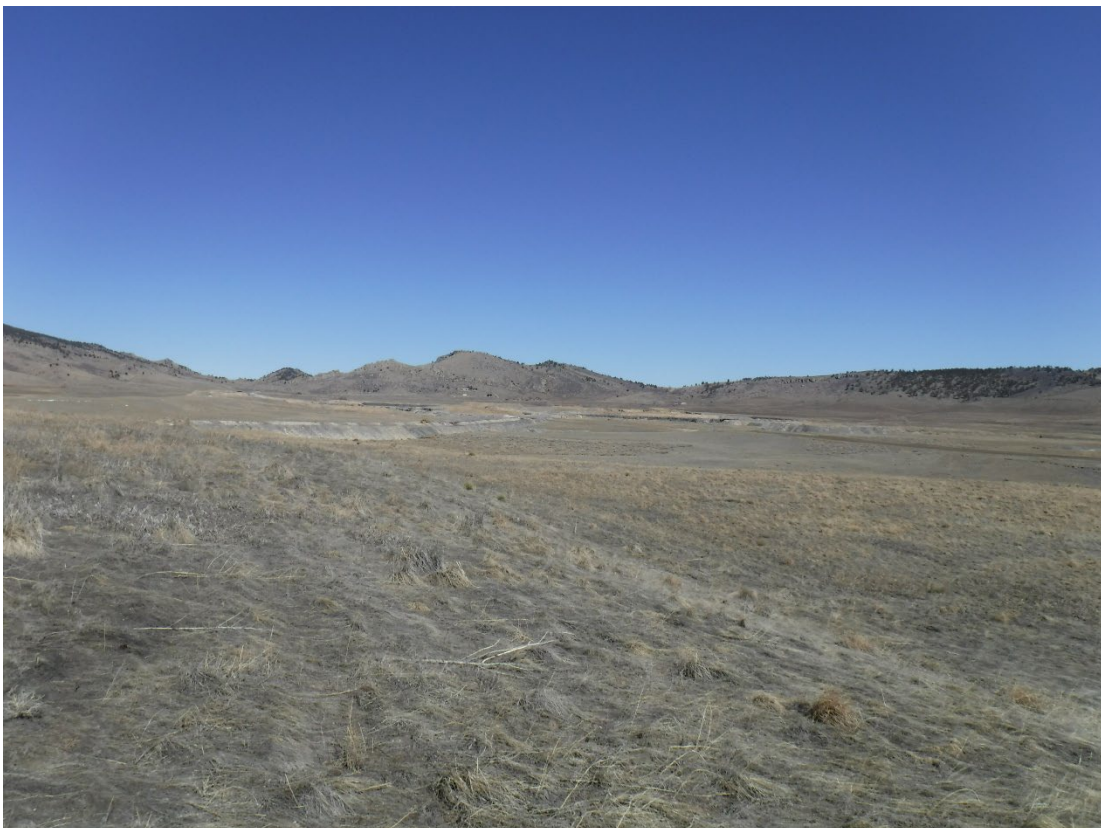


Photo 6: Looking north towards the pit areas being backfilled