




**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.

<b>MINE NAME:</b> Lyons Quarry	<b>MINE/PROSPECTING ID#:</b> M-1977-208	<b>MINERAL:</b> Limestone (general)	<b>COUNTY:</b> Boulder
<b>INSPECTION TYPE:</b> Monitoring	<b>WEATHER:</b> Clear	<b>INSP. DATE:</b> March 5, 2025	<b>INSP. TIME:</b> 10:50
<b>OPERATOR:</b> CEMEX, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Robin Simons	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$21,288,785.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>INSPECTOR(S):</b> Patrick Lennberg	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> March 21, 2025	

**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>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>Y</u>	(TS) TOPSOIL----- <u>N</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>Y</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 Lyons Quarry (M1977-208) 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 February 13, 2023. Robin Simons, Nick Byerly and Kirill Smirnov representing the Operator, CEMEX, Inc., accompanied me during the inspection. The weather was clear and mild.

The site is 112c Construction Materials permit for 979.54 acres. The permit area is in Boulder County, approximately 2 miles southeast of Lyons, CO. The site is accessed from the north off Hwy 66. The post-mining land use for this site is pastureland. The affected lands are owned by the Operator. Mine signs were posted along the primary mine entrance as required by Rule 3.1.12.

During the inspection the Division observed disposal of CKD material at the C-Pit area. The material was transported from the plant area to the C-Pit area where a water truck was used to spray the material as it was being placed on the ground. The Division did observe minimal dust originating from this activity. The Division continued its walk around C-Pit and noted that most area of exposed CKD had a crust on the surface and the other areas were damp and moist from the water truck. The Division observed that piping was in place to resume the use of sprinklers in the exposed CKD area of C-Pit. In discussing the C-Pit area the operator commented that they were using chemical dust suppressants approximately quarterly. The Division estimated the exposed CKD in the area to be less than 7 acres, per TR17, including the side slopes leading to the C-Pit Pond.

The site imports materials from various sources. Shale material is being sourced from the Arcosa mine in Jefferson County, sandstone, limestone, and gypsum are being sourced from their sandstone quarry and other quarries in Larimer County. Iron material is from the mid-west. During the inspection the Division did not observe any dust coming from the various stockpiles of material.

The Division observed the A-Pit area from a distance and did not note anything. The Division did observe that the operator had recently cut down a few Russian Olive Trees, a List B Noxious Weed in Colorado.

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 by email at [patrick.lennberg@state.co.us](mailto:patrick.lennberg@state.co.us) if you have any questions regarding this report.

### **Inspection Contact Address**

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## PHOTOGRAPHS



Photo 1: Mine sign at the primary mine entrance



Photo 2: Mine sign at the entrance to plant area



**Photo 3:** Water truck spraying bucket of loader



**Photo 4:** Loader and water truck after spraying bucket



**Photo 5:** Looking from CKD disposal area across C-Pond at plant, stockpiles of materials center of photo



**Photo 6:** Looking south across CKD disposal area



**Photo 7:** Looking southwest across CKD disposal area



**Photo 8:** Looking east across CKD disposal area



**Photo 9:** Sprinkler pipeline across CKD area looking north



**Photo 10:** Shale cover material along edge of exposed CKD



**Photo 11:** Shale cover material spread over CKD material, looking west



**Photo 12:** A-Pit area, looking east