

**Inspection Report / Lyons Quarry / M-1977-208**

Scott A Harcus <scotta.harcus@cemex.com>

Mon, May 9, 2022 at 11:01 AM

To: "Eschberger - DNR, Amy" <amy.eschberger@state.co.us>, "Lennberg - DNR, Patrick" <patrick.lennberg@state.co.us>

Cc: Patrick Chalupsky <patrick.chalupsky@cemex.com>, Erik Estrada <erik.estrada@cemex.com>, David Huber - CDPHE <David.huber@state.co.us>, "Hoeffer, Gabi" <ghoeffer@bouldercounty.co.us>, "Cunningham - DNR, Michael" <michaela.cunningham@state.co.us>, Maribel B Aguilos <maribelb.aguilos@cemex.com>

Hello Amy and Patrick –

Please find the attached Technical Revision (TR) Form and Lyons Quarry (M-1977-208) TR-17 for your review and consideration.

Seeing that I was unable to submit online through the e-permitting system due to a missing value/required field vacancy (see below screenshot), CEMEX requests that DRMS accept the TR as "for review" considering the supplemental CDPHE Authorization Form attached herein.

DRMS Minerals Revision Application Modification

COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

Login

General Information**Permit Number ***

M1977208

Revision Application Form Selection *

TR - Technical Revision

Select Revision *

If there are no options available it's because there are no open revisions of the selected type for the selected permit number

Value is required.

Revision Sequence *

If this does not populate, please contact your specialist to determine which sequence number to use.

Value is required.

Operation Name

The following pages will show the contact information we have on file for this permit. If any of it is inaccurate, you will have the opportunity to correct it after this form has been submitted.

1. Upon submission of this form you will be presented with a link to the contact information update form.
2. There is a question asking about the accuracy of this information. Indicating that it is inaccurate will send an e-mail to notify your administrator to make the appropriate changes.

Previous

Next

Thank you and please do not hesitate to reach out with questions or concerns.

Regards,

Scott



Scott A. Harcus
Lyons Cement Plant

Environmental Manager
Office : +1(303)823-2124

Mobile: +1(614)306-8838
Address: 5134 Ute Highway, Longmont, CO 80503

From: Eschberger - DNR, Amy <amy.eschberger@state.co.us>
Sent: Thursday, March 10, 2022 4:15 PM
To: Scott A Harcus <scotta.harcus@cemex.com>
Cc: Patrick Chalupsky <patrick.chalupsky@cemex.com>; Erik Estrada <erik.estrada@cemex.com>; David Huber - CDPHE <David.huber@state.co.us>; Hoefler, Gabi <ghoefler@bouldercounty.org>; Cunningham - DNR, Michael <michaela.cunningham@state.co.us>
Subject: Inspection Report / Lyons Quarry / M-1977-208

CAUTION: External Email | PRECAUCIÓN: Correo electrónico externo | VORSICHT: Externe E-Mail | ATTENTION: Courriel externe Hello Scott,

Please see attached report for my 3/3 inspection of the Lyons Quarry.

Note there is a problem cited in the report requiring a Technical Revision to be submitted within 60 days. This revision should include an updated material handling plan including fugitive dust con measures to be implemented at the site, as well as a survey of the current exposed CKD mass in the C-Pit area.

Feel free to reach out with any questions.

Best Regards,




Amy Eschberger
Environmental Protection Specialist



I am working remotely and can be reached at 303-945-9014.

O: 303.866.3567 x 8129 | F: 303.832.8106 | C: 303.945.9014
Physical Address: 1313 Sherman Street, Room 215, Denver, CO 80203
Mailing Address: DRMS Room 215, 1001 E 62nd Ave, Denver, CO 80216
Amy.Eschberger@state.co.us | https://drms.colorado.gov

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- 3 attachments
-  **CMX Lyons_M1977-208_Lyons Quarry TR-17 Letter_FINAL_w-MAP_SAH-esigned.pdf**
571K
 -  **CMX Lyons_M1977-208_TR-17_Credit Card Payment Authorization Form_216.00_esigned.pdf**
65K
 -  **CMX Lyons_M1977-208_TR-17_DRMS Technical Revision Form_FINAL.pdf**
58K



COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY

1313 Sherman Street, Room 215, Denver, Colorado 80203 ph(303) 866-3567

REQUEST FOR TECHNICAL REVISION (TR) COVER SHEET

File No.: M- 3; 99/42: Site Name: N{ qpu'S wctt {

County Dqwf gt TR# (DRMS Use only)

Permittee: EGO GZ. "kpe0

Operator (If Other than Permittee):

Permittee Representative: Ueqw'J ctewu

Please provide a brief description of the proposed revision: F guetkr vqp"qh'EMF "Material Handling Plan"
and associated dust control measures

As defined by the Minerals Rules, a Technical Revision (TR) is: “a change in the permit or application which does not have more than a minor effect upon the approved or proposed Reclamation or Environmental Protection Plan.” The Division is charged with determining if the revision as submitted meets this definition. If the Division determines that the proposed revision is beyond the scope of a TR, the Division may require the submittal of a permit amendment to make the required or desired changes to the permit.

The request for a TR is not considered “filed for review” until the appropriate fee is received by the Division (as listed below by permit type). Please submit the appropriate fee with your request to expedite the review process. After the TR is submitted with the appropriate fee, the Division will determine if it is approvable within 30 days. If the Division requires additional information to approve a TR, you will be notified of specific deficiencies that will need to be addressed. If at the end of the 30 day review period there are still outstanding deficiencies, the Division must deny the TR unless the permittee requests additional time, in writing, to provide the required information.

There is no pre-defined format for the submittal of a TR; however, it is up to the permittee to provide sufficient information to the Division to approve the TR request, including updated mining and reclamation plan maps that accurately depict the changes proposed in the requested TR.

Required Fees for Technical Revision by Permit Type - Please mark the correct fee and submit it with your request for a Technical Revision.

<u>Permit Type</u>	<u>Required TR Fee</u>	<u>Submitted</u> (mark only one)
110c, 111, 112 construction materials, and 112 quarries	\$216	<input checked="" type="checkbox"/>
112 hard rock (not DMO)	\$175	<input type="checkbox"/>
110d, 112d(1, 2 or 3)	\$1006	<input type="checkbox"/>



Mrs. Amy Eschberger
Environmental Protection Specialist
Division of Reclamation, Mining and Safety
Room 215
1001 E 62nd Ave
Denver, CO 80216

Via DRMS e-PERMITTING
and Email

RE: Lyons Quarry; DRMS File No. M-1977-208;
Technical Revision 17 – Material Handling Plan including Dust Control Measures

Dear Amy Eschberger:

CEMEX proposes a Technical Revision 17 to the Lyons Quarry DMRS File No. M-1977-208 to update the Material Handling Plan for Lyons Quarry which includes dust control measures at the Cement Kiln Dust (CKD) disposal area located in C-Pit.

Technical Revision 17 addresses the Corrective Actions prescribed in your Mineral Program Inspection Report of March 10, 2022.

Details of C-Pit Material Handling Plan are as follows:

- CKD disposal activity is to be sequenced to minimize emissions and mitigate potential wind erosion events.
- At the disposal site, the material shall be compacted and stabilized to minimize emissions.
- Operate an automated sprinkler system to water the active CKD disposal site.
- Water trucks will be used to water the active CKD disposal area as follows:
 - The access road will be watered at least every three hours during the day, and as needed at night to minimize fugitive emissions. Watering may be reduced or suspended during cold weather if the road is ice covered and such ice cover is sufficient to minimize fugitive emissions.
 - When the sprinklers are not in service, water trucks will be used to water the active disposal area at least every 3 hours during the day, and as needed at night to minimize fugitive emissions.
- Haul roads to C-pit shall be treated with chemical dust suppressants at a minimum of every 6 months, or as often as required, to maintain a surface crust.
- The active CKD disposal area may be treated with chemical dust suppressants to minimize the generation of fugitive emissions, as necessary.



- Moisture content of the materials prior to transfer to pug mill and into Haul Truck shall be adequate to effectively control emissions.
- Large capacity Haul Trucks shall be used to minimize the vehicle miles traveled. Spillage and exposure to wind shall be minimized by restricting the material load to 75 percent of the volume capacity of the Haul Trucks.
- Moisture content of the materials handled by grading or compaction equipment shall be adequate to effectively control the emissions.
- Grading, Compaction, or Hauling activities shall be suspended when the wind speed reaches or exceeds 30 m.p.h., averaged over a 60-minute period. Activities may continue when the average wind speed drops below 30 m.p.h.

As additionally requested, this submittal includes a C-pit survey conducted on April 16, 2022, showing the current exposed CKD area at 6.08 acres.

If there are any questions regarding this Technical Revision, please feel free to contact me at scotta.harcus@cemex.com or via phone at 303-823-2124.

Best Regards,

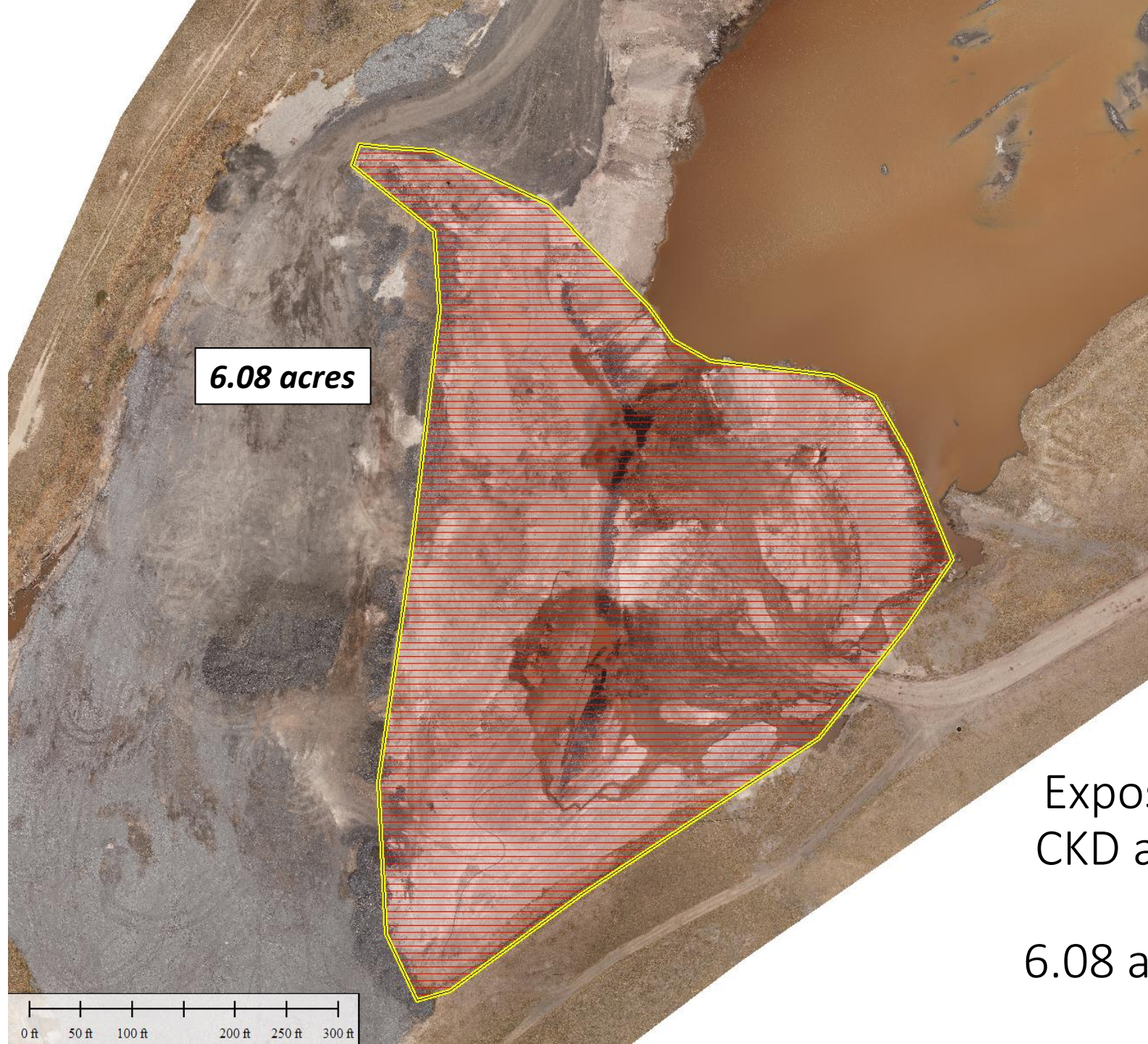
Scott Harcus

CEMEX, Inc.

Lyons Quarry
"C-pit"
CKD Landfill

DRMS Permit
No. M1977-208

Drone Flight
Survey
Conducted on
4/16/2022



Exposed
CKD area

6.08 acres