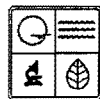


STATE OF MISSOURI



DEPARTMENT OF NATURAL RESOURCES

MISSOURI AIR CONSERVATION COMMISSION

PERMIT TO CONSTRUCT

Under the authority of RSMo 643 and the Federal Clean Air Act the applicant is authorized to construct the air contaminant source(s) described below, in accordance with the laws, rules and conditions as set forth herein.

Permit Number: **012010-008** Project Number: 2009-10-064

Parent Company: Lafarge North America, Inc.

Parent Company Address: 15100 East Courtney Atherton Road, Sugar Creek, MO 64058

Installation Name: Lafarge - Kentucky Road Quarry

Installation Number: 095-0285

Installation Address: 16400 East Kentucky Road, Independence, MO 64058

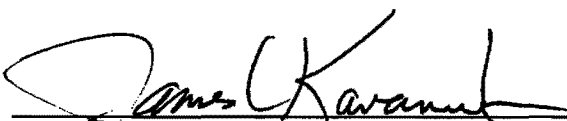
Location Information: Jackson County, S19, T50N, R31W

Application for Authority to Construct was made to install and operate a rock-screening plant. This review was conducted in accordance with Section (5), Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*.

-
- Standard Conditions (on reverse) are applicable to this permit.
- Standard Conditions (on reverse) and Special Conditions are applicable to this permit.

JAN 19 2010

EFFECTIVE DATE



DIRECTOR OR DESIGNEE
DEPARTMENT OF NATURAL RESOURCES

STANDARD CONDITIONS:

Permission to construct may be revoked if you fail to begin construction or modification within two years from the effective date of this permit. Permittee should notify the Air Pollution Control Program if construction or modification is not started within two years after the effective date of this permit, or if construction or modification is suspended for one year or more.

You will be in violation of 10 CSR 10-6.060 if you fail to adhere to the specifications and conditions listed in your application, this permit and the project review. In the event that there is a discrepancy between the permit application and this permit, the conditions of this permit shall take precedence. Specifically, all air contaminant control devices shall be operated and maintained as specified in the application, associated plans and specifications.

You must notify the Departments' Air Pollution Control Program of the anticipated date of start up of this (these) air contaminant source(s). The information must be made available within 30 days of actual startup. Also, you must notify the Department of Natural Resources Regional office responsible for the area within which you are located within 15 days after the actual start up of this (these) air contaminant source(s).

A copy of this permit and permit review shall be kept at the installation address and shall be made available to Department of Natural Resources' personnel upon request.

You may appeal this permit or any of the listed special conditions to the Administrative Hearing Commission (AHC), P.O. Box 1557, Jefferson City, MO 65102, as provided in RSMo 643.075.6 and 621.250.3. If you choose to appeal, you must file a petition with the AHC within 30 days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed. If it is sent by any method other than registered mail or certified mail, it will be deemed filed on the date it is received by the AHC.

If you choose not to appeal, this certificate, the project review and your application and associated correspondence constitutes your permit to construct. The permit allows you to construct and operate your air contaminant source(s), but in no way relieves you of your obligation to comply with all applicable provisions of the Missouri Air Conservation Law, regulations of the Missouri Department of Natural Resources and other applicable federal, state and local laws and ordinances.

The Air Pollution Control Program invites your questions regarding this air pollution permit. Please contact the Construction Permit Unit at (573) 751-4817. If you prefer to write, please address your correspondence to the Missouri Department of Natural Resources, Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102-0176, attention: Construction Permit Unit.

Page No.	3
Permit No.	
Project No.	2009-10-064

SPECIAL CONDITIONS:

The permittee is authorized to construct and operate subject to the following special conditions:

The special conditions listed in this permit were included based on the authority granted the Missouri Air Pollution Control Program by the Missouri Air Conservation Law (specifically 643.075) and by the Missouri Rules listed in Title 10, Division 10 of the Code of State Regulations (specifically 10 CSR 10-6.060). For specific details regarding conditions, see 10 CSR 10-6.060 paragraph (12)(A)10. "Conditions required by permitting authority."

Lafarge - Kentucky Road Quarry
Jackson County, S19, T50N, R31W

1. **Best Management Practices (BMPs) Requirement**
Lafarge - Kentucky Road Quarry shall control fugitive emissions from all of the haul roads and vehicular activity areas at this site by performing BMPs as defined in Attachment AA.
2. **Emission Limitation - National Ambient Air Quality Standards (NAAQS)**
 - A. Lafarge - Kentucky Road Quarry shall maintain a daily record of material processed **during concurrent operation only** to demonstrate that the daily impact on ambient air quality from the entire installation does not exceed the daily NAAQS of 150.0 $\mu\text{g}/\text{m}^3$ for particulate matter less than ten microns in diameter (PM_{10}) at or beyond the property boundary.
 - B. Attachment A, Attachment B or an equivalent form, such as an electronic form, approved by the Air Pollution Control Program shall be used to demonstrate compliance with Special Condition 2.A.
 - C. Lafarge - Kentucky Road Quarry shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after the end of the month during which the records from Special Condition 2.B indicate that the source exceeds the daily NAAQS of 150.0 $\mu\text{g}/\text{m}^3$.
3. **Restriction on Minimum Distance to Nearest Property Boundary**
The primary emission point of the screening plant, which is the primary screen, shall be located at least 277 feet from the nearest property boundary whenever it is operating at this site.
4. **Record Keeping Requirement**
Lafarge - Kentucky Road Quarry shall maintain all records required by this permit for not less than five years and make them available to any Missouri Department of Natural Resources' personnel upon request.

Page No.	4
Permit No.	
Project No.	2009-10-064

SPECIAL CONDITIONS:

The permittee is authorized to construct and operate subject to the following special conditions:

5. **Reporting Requirement**
Lafarge - Kentucky Road Quarry shall report to the Air Pollution Control Program Enforcement Section P.O. Box 176, Jefferson City, MO 65102, no later than ten days after any exceedances of the limitations imposed by this permit.
6. **Moisture Content Testing Requirement**
 - A. Lafarge - Kentucky Road Quarry shall verify that the moisture content of the processes rock is greater than or equal to 1.5% weight.
 - B. Testing shall be conducted according to the method prescribed by the American Society for Testing Materials (ASTM) D-2216, C-566 or another method approved by the Director.
 - C. The initial test shall be conducted not later than 45 days after the start of operation. A second test shall be performed the calendar year following the initial test during the months of July or August.
 - D. The test samples shall be taken from rock that has been processed by the plant or from each source of aggregate (e.g. quarry).
 - E. The written analytical report shall include the raw data and moisture content of each sample, the test date and the original signature of the individual performing the test. The report shall be filed on-site or at the Lafarge - Kentucky Road Quarry main office within 30 days of completion of the required test.
 - F. If the moisture content of either of the two tests is less than the moisture content in Special Condition 3.A, another test may be performed within 15 days of the noncompliant test. If the results of that test also exceed the limit, Lafarge - Kentucky Road Quarry shall either:
 - 1) Apply for a new permit to account for the revised information, or
 - 2) Submit a plan for the installation of wet spray devices to the Air Pollution Control Program Compliance Assistance section within ten days of the second noncompliant test. The wet spray devices shall be installed and operational within 40 days of the second noncompliant test.
 - G. In lieu of testing, Lafarge - Kentucky Road Quarry may obtain test results that demonstrate compliance with the moisture content in Special Condition 3.A from the supplier of the aggregate.

REVIEW OF APPLICATION FOR AUTHORITY TO CONSTRUCT AND OPERATE
SECTION (5) REVIEW

Project Number: 2009-10-064
Installation ID Number: 095-0285
Permit Number:

Lafarge - Kentucky Road Quarry
16400 East Kentucky Road
Independence, MO 64058

Complete: November 4, 2009

Parent Company:
Lafarge North America, Inc.
15100 East Courtney Atherton Road
Sugar Creek, MO 64058

Jackson County, S19, T50N, R31W

REVIEW SUMMARY

- Lafarge - Kentucky Road Quarry has applied for authority to install and operate a rock-screening plant.
- Hazardous Air Pollutant (HAP) emissions are expected from the proposed equipment, but are less than their respective Screen Model Action Levels (SMAL).
- 40 CFR Part 60 - Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants and Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines - applies to this installation.
- None of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) apply to this installation.
- Subpart ZZZZ - National Emission Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines of the Maximum Achievable Control Technology (MACT) regulation apply to the proposed equipment.
- This review was conducted in accordance with Section (5) of Missouri State Rule 10 CSR 10-6.060, Construction Permits Required. Potential emissions of all pollutants are below *de minimis* levels.
- This installation is located in Jackson County, a maintenance area for the 8-hour ozone standard and an attainment area for all other criteria pollutants.
- This installation is not on the List of Named Installations found in 10 CSR 10-6.020(3)(B), Table 2.

- An ambient air quality impact analysis was performed using the Air Pollution Control Programs' generic nomographs.
- A Basic Operating Permit was completed for this installation on June 13, 2005, and expires on May 11, 2010.
- Approval of this permit is recommended with special conditions.

INSTALLATION DESCRIPTION

The Kentucky Road Quarry (095-0285) is a rock quarry that produces aggregates in the Kansas City vicinity. This installation currently includes two processes – both owned by Lafarge - Kentucky Road Quarry:

- Stationary rock-crushing plant, which includes one crusher, two screens, and 16 conveyors, operates under Permit # 062006-011B. The rock crushing plant has a maximum hourly design rate (MHDR) of 500.00 tons per hour (tph) and is powered by a 1,068 horsepower diesel engine.
- Portable rock-screening plant (PORT-0606), which includes feeder(s), screen(s), and conveyor(s), operates under Permit # 022008-004. This portable rock-screening plant has an MHDR of 400.0 tph and is powered by a 110 horsepower diesel engine. PORT-0606's permit expires on February 6, 2010.

Table 1 shows the construction permits that have been issued to Lafarge - Kentucky Road Quarry from the Air Pollution Control Program.

Table 1: Permit History

Permit Number	Description
072000-019	Constructed rock-crushing plant
072000-019A	Add dust suppressants to rock-crushing plant
062006-011	Add BMPS to rock-crushing plant
022008-004	Add PORT-0606 to installation
062006-011A	Allow collocation for rock-crushing plant
062006-011B	Change distance to property line for rock-crushing plant

PROJECT DESCRIPTION

This permit is granting authority to Lafarge - Kentucky Road Quarry (095-0285) to install and operate a 2008 Powerscreen Chieftan 1400T rock-screening plant that is rated at 400 tph. Lafarge - Kentucky Road Quarry intends to operate the new rock-screening plant for six months in order to meet its clients' needs. Once the project is completed, the use of the rock-screening plant will end. However, the rock-screening plant is permitted as a stationary plant and there are no requirements in this plant for its removal.

A 100 hp diesel engine will power one conveyor leading to the screen and three leading from the screen. The screening plant will receive all fragmented stone from the stationary rock-crushing plant at this installation and separate these stones into various sizes. The PM₁₀ emissions are controlled by a moisture content greater than or equal to 1.5 wt%.

OPERATING SCENARIOS

The plant is permitted to operate under the following four scenarios:

- Solitary Operations: Operation when the rock-screening plant is the only plant located at this site. The rock-screening plant can operate for 24 hours without violating NAAQS. No record keeping is necessary to show compliance.
- Concurrent (Same Owner) Operations: Operation when ONLY other plants owned by Lafarge North America, Inc. are located at this site. The rock-screening plant shall track its own daily ambient impact and also the daily impact of all other plants at the installation to ensure that the combined daily PM₁₀ ambient impact from all plants at the site does not exceed 130.0 µg/m³. Attachment A, or equivalent form(s), shall be used for this purpose.
- Concurrent (Separate Owners) Operations: Operation when plants NOT owned by Lafarge North America, Inc. are located at this site. All plants owned by Lafarge North America, Inc. are permitted for a combined 121.11 µg/m³ of daily PM₁₀ ambient impact. Plants not owned by Lafarge North America, Inc. are permitted for a combined 8.89 µg/m³. Attachment B, or equivalent forms, shall be used for this purpose.
- Concurrent (Same and Separate Owners) Operations: Operation when plants owned by Lafarge North America, Inc. AND plants NOT owned by Lafarge North America, Inc. are located at this site. All plants owned by Lafarge North America, Inc. are permitted for a combined 121.11 µg/m³ of daily PM₁₀ ambient impact. Plants not owned by Lafarge North America, Inc. are permitted for a combined 8.89 µg/m³. The rock-screening plant shall keep track of its own daily PM₁₀ ambient impact and the daily PM₁₀ ambient impact of all plants of the installation to ensure that the combined daily PM₁₀ ambient impact from these plants does not exceed the 130.0 µg/m³ NAAQS. Attachment B, or equivalent forms, shall be used for this purpose.

Because there is currently a stationary rock-crushing plant (095-0285) and a portable rock-screening plant at the site, this rock-screening plant will be operating under the concurrent (same owner) or concurrent (same and separate owners) operation scenario. Solitary and concurrent (separate owners) operation scenarios are included in this permit in case the stationary and/or portable rock-screening plant ceases operations in the future.

Table 2: Ambient Air Quality Impact Analysis

Pollutant	¹ NAAQS/ RAL ($\mu\text{g}/\text{m}^3$)	Averaging Time	² Maximum Modeled Impact ($\mu\text{g}/\text{m}^3$)	Limited Impact ($\mu\text{g}/\text{m}^3$)	Background ($\mu\text{g}/\text{m}^3$)	³ Daily Limit (tons/day)
⁴ PM ₁₀ (same)	150.0	24-hour	122.71	N/A	20.0	9,600
⁵ PM ₁₀ (separate)	150.0	24-hour	122.71	68.11	61.89	5,887.45

¹National Ambient Air Quality Standards (NAAQS) and Risk Assessment Level (RAL)

²Modeled impact at maximum capacity with controls

³Indirect limit based on compliance with NAAQS.

⁴Solitary operation or operation with other plants that are owned by Lafarge North America, Inc.

⁵Operation with other plants that are not owned by Lafarge North America, Inc.

EMISSIONS/CONTROLS EVALUATION

The emission factors and control efficiencies used in this analysis were obtained from the Environmental Protection Agency (EPA) document AP-42, *Compilation of Air Pollutant Emission Factors*, Fifth Edition, Section 11.19 "Introduction to Construction and Aggregate Processing," September 1985.

Table 2 summarizes the PM₁₀, sulfur oxide (SO_x), nitrogen oxide (NO_x), volatile organic compound (VOC), carbon monoxide (CO), and hazard air pollutant (HAP) emissions of this project. The existing actual emissions are taken from 2008's Emissions Inventory Questionnaire (EIQ). The potential emissions of the application represent the emissions of all equipment and activities assuming continuous operation (8,760 hours per year).

Table 3: Emissions Summary (tons per year)

Pollutant	De Minimis Level	¹ Existing Potential Emissions	Existing Actual Emissions (2008 EIQ)	Potential Emissions of the Application	Conditioned Potential Emissions
PM ₁₀	15.0	35.46	10.62	2.42	N/A
SO _x	40.0	6.37	2.33	0.92	N/A
NO _x	40.0	50.48	7.40	14.04	N/A
VOC	40.0	1.29	0.19	1.15	N/A
CO	100.0	13.41	1.96	3.02	N/A
Total HAPs	25.0/ 10.0	0.02	N/A	0.01	N/A

N/A = Not Applicable

¹ Includes emissions from stationary rock-crushing plant (Permit 062006-011B); portable plant's emissions are not included.

A permit was deemed required because the NO_x emissions exceed the Insignificant Emission Exemption Level of 2.75 lb/hr found in Table 1 of 10 CSR 10-6.061 (3)(A)3.A.

PERMIT RULE APPLICABILITY

This review was conducted in accordance with Section (5) of Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*. Potential emissions of all pollutants are below *de minimis* levels.

APPLICABLE REQUIREMENTS

Lafarge - Kentucky Road Quarry shall comply with the following applicable requirements. The Missouri Air Conservation Laws and Regulations should be consulted for specific record keeping, monitoring, and reporting requirements. Compliance with these emission standards, based on information submitted in the application, has been verified at the time this application was approved. For a complete list of applicable requirements for your installation, please consult your operating permit.

GENERAL REQUIREMENTS

- *Submission of Emission Data, Emission Fees and Process Information, 10 CSR 10-6.110*
The emission fee is the amount established by the Missouri Air Conservation Commission annually under Missouri Air Law 643.079(1). Submission of an Emissions Inventory Questionnaire (EIQ) is required June 1 for the previous year's emissions.
- *Operating Permits, 10 CSR 10-6.065*
- *Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin, 10 CSR 10-6.170*
- *Restriction of Emission of Visible Air Contaminants, 10 CSR 10-6.220*

SPECIFIC REQUIREMENTS

- *Restriction of Emission of Particulate Matter From Industrial Processes, 10 CSR 10-6.400*
- 40 CFR 60 Subpart OOO, "Standards of Performance for Nonmetallic Mineral Processing Plants" applies to the equipment. 40 CFR 60 Subpart IIII, "Standards of Performance for Stationary Compression Ignition Internal Combustion Engines" applies to the equipment.
- *Subpart ZZZZ - National Emission Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines of the Maximum Achievable Control Technology (MACT) regulation apply to the proposed equipment.*

STAFF RECOMMENDATION

On the basis of this review conducted in accordance with Section (5), Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*, I recommend this permit be granted with special conditions.

Daronn Williams
Environmental Engineer

Date

PERMIT DOCUMENTS

The following documents are incorporated by reference into this permit:

- The Application for Authority to Construct form, dated October 21, 2009, received October 29, 2009, designating Lafarge North America, Inc. as the owner and operator of the installation.
- U.S. EPA document AP-42, *Compilation of Air Pollutant Emission Factors*, Fifth Edition.
- Kansas City Regional Office Site Survey, dated October 30, 2009.

Attachment A – PM₁₀ Compliance Worksheet
Concurrent (Same Owner) Operation ONLY
 Lafarge North America, Inc. – Lafarge - Kentucky Road Quarry
 Installation ID Number: 095-0285
 Project Number: 2009-10-064
 Permit Number:

Site Address: 16400 East Kentucky Road, Independence, MO 64058
 Site County: Jackson County, S19, T50N, 31W

This sheet covers the period from _____ to _____. (Copy as needed)
 (month, year) (month, year)

Date	Lafarge - Kentucky Road Quarry Screening Plant 095-0285 Project # 2009-10-064 Permit #:			Lafarge - Kentucky Road Quarry Rock-Crushing Plant 095-0285 Project # 2008-06-031 Permit #:062006-011B			Plant Name: Plant ID: Permit #:	Plant Name: Plant ID: Permit #:	³ Back-ground PM ₁₀ Level (µg/m ³)	⁴ TOTAL PM ₁₀ Impact (µg/m ³)
	Daily Production (tons)	Ambient Impact Factor (µg/m ³ /ton)	¹ Daily PM ₁₀ Impact (µg/m ³)	Daily Production (tons)	Ambient Impact Factor (µg/m ³ /ton)	¹ Daily PM ₁₀ Impact (µg/m ³)	² Daily PM ₁₀ Impact (µg/m ³)	² Daily PM ₁₀ Impact (µg/m ³)		
<i>Example</i>	6,025	0.01278	77.0	1,237	0.02335	28.89	N/A	N/A	20.0	125.89
		0.01278			0.02335				20.0	
		0.01278			0.02335				20.0	
		0.01278			0.02335				20.0	
		0.01278			0.02335				20.0	
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		0.01278			0.02335				20.0	
		0.01278			0.02335				20.0	
		0.01278			0.02335				20.0	
		0.01278			0.02335				20.0	

Note 1: The Daily PM₁₀ Impact (µg/m³) for each plant is calculated by multiplying the Daily Production (tons) by the matching Ambient Impact Factor.
 Note 2: The Daily PM₁₀ Impact (µg/m³) of other plants owned by Lafarge North America, Inc. can be obtained from the operators of these plants.
 Note 3: Background PM₁₀ Level (µg/m³) is from Haul Roads and Stockpiles.
 Note 4: The TOTAL PM₁₀ Impact (µg/m³) is calculated by summing the Daily PM₁₀ Ambient Impact(s) and the Background PM₁₀ Level. A TOTAL PM₁₀ Level of less than **150.0** µg/m³ in any 24-hour period indicates compliance.

Attachment B – PM₁₀ Compliance Worksheet
Concurrent (Separate Owner) and Concurrent (Same and Separate Owner) Operation ONLY
 Lafarge North America, Inc. – Lafarge - Kentucky Road Quarry
 Installation ID Number: 095-0285
 Project Number: 2009-10-064
 Permit Number:

Site Address: 16400 East Kentucky Road, Independence, MO 64058
 Site County: Jackson County, S19, T50N, 31W

This sheet covers the period from _____ to _____. (Copy as needed)
 (month, year) (month, year)

Date	Lafarge - Kentucky Road Quarry Screening Plant 095-0285 Project # 2009-10-064 Permit #:			Lafarge - Kentucky Road Quarry Rock-Crushing Plant 095-0285 Project # 2008-06-031 Permit #:062006-011B			Plant Name: Plant ID: Permit #:	Plant Name: Plant ID: Permit #:	³ Back- ground PM ₁₀ Level (µg/m ³)	⁴ TOTAL PM ₁₀ Impact (µg/m ³)
	Daily Production (tons)	Ambient Impact Factor (µg/m ³ /ton)	¹ Daily PM ₁₀ Impact (µg/m ³)	Daily Production (tons)	Ambient Impact Factor (µg/m ³ /ton)	¹ Daily PM ₁₀ Impact (µg/m ³)	² Daily PM ₁₀ Impact (µg/m ³)	² Daily PM ₁₀ Impact (µg/m ³)		
<i>Example</i>	6,025	0.01278	77.0	1,237	0.02335	28.89	N/A	N/A	28.89	
		0.01278			0.02335				28.89	
		0.01278			0.02335				28.89	
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		0.01278			0.02335				28.89	
		0.01278			0.02335				28.89	

Note 1: The Daily PM₁₀ Impact (µg/m³) for each plant is calculated by multiplying the Daily Production (tons) by the matching Ambient Impact Factor.
 Note 2: The Daily PM₁₀ Impact (µg/m³) of other plants owned by Lafarge North America, Inc. can be obtained from the operators of these plants. The combined impact from all plants owned by Lafarge North America, Inc. shall not exceed a combined daily PM₁₀ ambient impact of 121.11 µg/m³.
 Note 3: Background PM₁₀ Level (µg/m³) of other plants NOT owned by Lafarge North America, Inc., Haul Roads and Stockpiles.
 Note 4: The TOTAL PM₁₀ Impact (µg/m³) is calculated by summing the Daily PM₁₀ Ambient Impact(s) and the Background PM₁₀ Level. A Total PM₁₀ Level of less than **150.0** µg/m³ in any 24-hour period indicates

compliance.

Attachment AA: Best Management Practices

Haul roads and vehicular activity areas shall be maintained in accordance with at least one of the following options when the portable plant is operating.

1. Pavement

- A. The operator shall pave the area with materials such as asphalt, concrete or other materials approved by the Air Pollution Control Program. The pavement will be applied in accordance with industry standards to achieve control of fugitive emissions¹ while the plant is operating.
- B. Maintenance and repair of the road surface will be conducted as necessary to ensure that the physical integrity of the pavement is adequate to achieve control of fugitive emissions from these areas while the plant is operating.
- C. The operator shall periodically wash or otherwise clean all of the paved portions of the haul roads as necessary to achieve control of fugitive emissions from these areas while the plant is operating.

2. Application of Chemical Dust Suppressants

- A. The operator shall apply a chemical dust suppressant (such as magnesium chloride, calcium chloride, lignosulfonates, etc.) to unpaved areas.
- B. The quantities of the chemical dust suppressant shall be applied and maintained in accordance with the manufacturer's recommendation (if available) and in sufficient quantities to achieve control of fugitive emissions from these areas while the plant is operating.
- C. The operator shall record the time, date and the amount of material applied for each application of the chemical dust suppressant agent on the above areas. The operator shall keep these records with the plant for not less than five (5) years and make these records available to Department of Natural Resources personnel upon request.

3. Application of Water-Documented Daily

- A. The operator shall apply water to unpaved areas. Water shall be applied at a rate of 100 gallons per day per 1,000 square feet of unpaved or untreated surface area while the plant is operating.
- B. Precipitation may be substituted for watering if the precipitation is greater than one quarter of one inch and is sufficient to control fugitive emissions.
- C. Watering may also be suspended when the ground is frozen, during periods of freezing conditions when watering would be inadvisable for traffic safety reasons, or when there will be no traffic on the roads.
- D. The operator shall record the date and volume of water application or the amount of precipitation that day. The operators shall also record the rational for not watering (e.g. freezing conditions or not operating).
- E. The operator shall keep these records with the plant for not less than five (5) years, and the operator shall make these records available to Department of Natural Resources personnel upon request.

¹For purposes of this document, Control of Fugitive Emissions means to control particulate matter that is not collected by a capture system and visible emissions to the extent necessary to prevent violations of the air pollution law or regulation. (Note: control of visible emission is not the only factor to consider in protection of ambient air quality.)

Ms. Sarah Wallace
Manager of Environmental & Public Affairs
Lafarge - Kentucky Road Quarry
7N394 South McLean Blvd
South Elgin, IL 60177

RE: New Source Review Permit - Project Number: 2009-10-064

Dear Ms. Wallace:

Enclosed with this letter is your permit to construct. Please study it carefully. Also, note the special conditions on the accompanying pages. The document entitled, "Review of Application for Authority to Construct," is part of the permit and should be kept with this permit in your files. Operation in accordance with these conditions, your new source review permit application and with your operating permit is necessary for continued compliance. The reverse side of your permit certificate has important information concerning standard permit conditions and your rights and obligations under the laws and regulations of the State of Missouri.

If you have any questions regarding this permit, please do not hesitate to contact Daronn Williams, at the Department's Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102, or by telephone at (573) 751-4817. Thank you for your time and attention to this matter.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

Kendall B. Hale
New Source Review Unit Chief

KBH:dwk

Enclosures

c: Kansas City Regional Office
PAMS File: 2009-10-064

Permit Number: