



Missouri Department of dnr.mo.gov

# NATURAL RESOURCES

Eric R. Greitens, Governor

Carol S. Comer, Director

**MAR 03 2017**

Ms. Tina Akin  
Operation Manager  
AA Quarry  
2201 N. 7 Hwy  
Suite B  
Pleasant Hill, MO 64080

RE: New Source Review Permit Amendment - Permit Number: 032016-006A  
Project Number: 2017-01-031; Installation Number: 101-0067

Dear Ms. Akin:

On January 18, 2017, Air Pollution Control Program received your request to amend Permit #032016-006 by changing Special Condition 3 from a National Ambient Air Quality Standards (NAAQS) limitation for particulate matter less than ten microns in diameter (PM<sub>10</sub>) to a daily throughput limitation. A new daily production limit will be imposed during concurrent operations at this site.

As previously stated, the ambient impact from the Permit No. 032016-006 is being converted to a daily production limit. This change reflects the Air Pollution Control Program's updated construction industry policy for the cessation of the use of the program's nomographs to estimate the plant's ambient impact. AA Quarry is permitted to operate with other plants located at the following site as long as the following scenarios are maintained. These scenarios are also summarized in the table below.

Table 1: Summary of Daily Production Limits

Location	Type of Operation	Daily Production Limit
381 NM AA Highway. (101-0067) Kingsville, MO 64061 Johnson County S2, T49N R29	Solitary <sup>a</sup>	17,788 tons per day
	Concurrent <sup>b</sup>	10,944 tons per day

<sup>a</sup> Operation without other plants

<sup>b</sup> Operation with same/different owner plants

In addition to this amendment application, AA Quarry is adding an inline tertiary portable crusher with an under conveyor (MHDR 100 tph) and a portable rip rap screening plant with two feeders, a screen and 6 conveyors (MHDR 300 TPH). The PM<sub>10</sub> emissions from the additional equipment were calculated to be 0.37 lb/hr which is less than the insignificant level of 1.0 lb/hr as



Ms. Tina Akin  
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stated in 10 CSR 10-6.061(3)(A)3A, Table 1. *Insignifciant Emissions Exemption Levels*. The new tertiary crusher and rip rap plant will be powered by a 2001 3406 CAT 525 HP non-road engine. The current tested moisture content is greater than 1.5% by weight as required in Special Condition 5 in Permit Amendment #032016-006. Therefore the controlled emission factors from AP-42 Section 11.19.2 "Crushed Stone Processing and Pulverized Mineral Processing," August 2004 were used to calculate the emissions.

This project does not constitute a major modification and therefore is not subject to 10 CSR 10-6.060 Section (7), (8) or (9). Since the proposed change is below the Insignificant Level for PM<sub>10</sub>, the change is also not subject to Section (5) or (6).

If you were adversely affected by this permit decision, you may be entitled to pursue an appeal before the administrative hearing commission pursuant to Sections 621.250 and 643.075.6 RSMo. To appeal, you must file a petition with the administrative hearing commission within thirty 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 administrative hearing commission, whose contact information is: Administrative Hearing Commission, United States Post Office Building, 131 West High Street, Third Floor, P.O. Box 1557, Jefferson City, Missouri 65102, phone: 573-751-2422, fax: 573-751-5018, website: [www.ao.mo.gov/ahc](http://www.ao.mo.gov/ahc).

If you have any questions regarding this amendment, please do not hesitate to contact Kathy Kolb, at the department's Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102 or at (573) 751-4817. Thank you for your attention to this matter.

Sincerely,

AIR POLLUTION CONTROL PROGRAM



Kendall B. Hale  
Permits Section Chief

KBH:kkj

Enclosures

c: Kansas City Regional Office  
PAMS File: 2017-01-031

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Permit No.	032016-006A
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**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."*

**AA Quarry**  
Johnson County, S2, T49N, R29

1. **Superseding Condition**  
The conditions of this permit supersede Special Condition 3. found in the previously issued construction permit 032019-006 issued by the Air Pollution Control Program.
2. **Daily Production Limit**
  - A. AA Quarry plant shall limit its daily production based on the table below using Attachment A, or another equivalent form, that has been approved by the Air Pollution Control Program, including electronic forms.

**Table 1: Summary of Daily Production Limits**

Location	Type of Operation	Daily Production Limit
County Plant ID: 101-0067 381 NM AA Highway Kingsville, MO 64061 Johnson County S2, T49N R29	Solitary <sup>a</sup>	17,788 tons per day
	Concurrent <sup>b</sup>	10,944 tons per day

<sup>a</sup> Operation without other plants

<sup>b</sup> Operation with same/different owner plants

3. **Concurrent Operation Requirement**  
AA Quarry cannot operate with any other plants that have ambient impact limits based on the Air Pollution Control Program's nomographs. When other plants locate to the site, please refer to the special conditions of that plant's permit.

