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 the ten microns in diameter (PM$_{10}$) 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 limits. 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

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

a Operation without other plants

b 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$_{10}$ emissions from the additional equipment were calculated to be 0.37 lb/hr which is less that the insignificant level of 1.0 lb/hr as
stated in 10 CSR 10-6.061(3)(A)3A, Table 1. *Insignificant 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$_{10}$, 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.oa.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
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
<table>
<thead>
<tr>
<th>Location</th>
<th>Type of Operation</th>
<th>Daily Production Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>County Plant ID: 101-0067</td>
<td>Solitary^a</td>
<td>17,788 tons per day</td>
</tr>
<tr>
<td>381 NM AA Highway</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kingsville, MO 64061</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

   ^a Operation without other plants
   ^b 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.
Attachment A – Daily Production Compliance Worksheet

AA Quarry
Johnson County, S2, T49N, R29
Project Number: 2017-01-031
Installation ID Number: 101-0067
Permit Number: 032016-006A

This sheet covers the period from ____________ to ____________.

<table>
<thead>
<tr>
<th>Date</th>
<th>Type of Production¹ ²</th>
<th>Actual Daily Production (tons)</th>
<th>Daily Production Limit (tons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example</td>
<td>Solitary</td>
<td>17,788</td>
<td></td>
</tr>
<tr>
<td>Example</td>
<td>Concurrent Operations</td>
<td>10,944</td>
<td></td>
</tr>
</tbody>
</table>

¹ Solitary operation is when only the rock-crushing plant operates by itself.
² Concurrent operation is when the rock-crushing plant operates with other plants.
³ During solitary operation, the rock-crushing plant is limited to produce 17,788 tons of rock per day. During concurrent operation, the rock-crushing plant is limited to produce up to 10,944 tons of rock per day.