



Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

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JUN 28 2016

Ms. Koreen Bassham
Office Manager
Fischer Quarry & Hauling
25501 Star Route Z
St. Mary, MO 63673

RE: New Source Review Permit Amendment - Permit Number: 082015-015E
Project Number: 2016-06-028; Installation Number: PORT-0720

Dear Ms. Bassham:

According to our phone conversation and your email on June 13, 2016, we are amending Permit 082015-015D to reflect the correct haul road length of 1,335 feet. This amendment is for PORT-0720 that is located at Arab Aggregates on MO Highway 51 near Zalma, Missouri in Bollinger County. The new length of haul road will increase the particulate matter emissions and will result in an annual PM₁₀ limit of 15 tons per year. Attached are superseded Special Conditions along with Attachment A Annual PM₁₀ Compliance Worksheet.

Potential emissions of PM₁₀ are conditioned below de minimis and no refined modeling is required. Potential emissions of PM are above de minimis but below major source levels. There are no modeling requirements for PM.

Table 1: Emissions Summary (tons per year)

Pollutant	<i>De Minimis</i> Level/SMAL	Potential Emissions of Process Equipment ^a	Existing Actual Emissions	Potential Emissions of the Application ^b	Conditioned Potential Emissions ^c
PM	25.0	3.22	N/A	49.59	40.33
PM ₁₀	15.0	1.22	N/A	18.44	<15.0
PM _{2.5}	10.0	0.34	N/A	6.40	5.21
SO _x	40.0	N/A	N/A	N/A	N/A
NO _x	40.0	N/A	N/A	N/A	N/A
VOC	40.0	N/A	N/A	N/A	N/A
CO	100.0	N/A	N/A	N/A	N/A
Total HAPs	25.0	N/A	N/A	N/A	N/A

N/A = Not Applicable; N/D = Not Determined

^a Excludes haul road and storage pile emissions

^b Includes site specific haul road and storage pile emissions

^c Conditioned emissions account for a voluntary limit for PM₁₀ of 15 tons.

Ms. Bassham
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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: Southeast Regional Office
PAMS File: 2016-06-028

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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."

PORT ID Number: PORT-0720

Site Name: Arab Aggregates

Site Address: Mo Highway 51 Zalma, MO 63787

Site County: Bollinger, S17, 20 T28N R09E

1. **Superseding Condition**
The conditions of this permit supersede all special conditions found in the previously issued construction permit Permit Number 082015-015D issued by the Air Pollution Control Program.
2. **Best Management Practices (BMPs) Requirement**
Fischer Quarry & Hauling shall control fugitive emissions from all of the haul roads and vehicular activity areas at this site by performing Best Management Practices as defined in Attachment AA.
3. **Annual PM₁₀ Emission Limit**
 - A. Fischer Quarry & Hauling shall emit less than 15.0 tons of PM₁₀ in any consecutive 12-month period from PORT-0720 while operating at this site.
 - B. Fischer Quarry & Hauling shall demonstrate compliance with Special Condition 3.A using Attachment A or another equivalent form that has been approved by the Air Pollution Control Program, including an electronic form.
4. **Moisture Content Testing Requirement**
 - A. Fischer Quarry & Hauling shall verify through testing that the moisture content of the processed rock is greater than or equal to 1.5 percent by 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 no 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.

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SPECIAL CONDITIONS:

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

- D. The test samples shall be taken from rock that has been processed by the plant or from each source of aggregate (e.g. each 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 Fischer Quarry & Hauling 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 4.A, another test may be performed with 15 days of the noncompliant test. If the results of that test are also less than the limit, Fischer Quarry & Hauling 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 Compliance/Enforcement Section of the Air Pollution Control Program section within 10 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, Fischer Quarry & Hauling may obtain test results from the supplier of the aggregate that demonstrate compliance with the moisture content in special condition 4.A.
5. **Nonroad Engine Requirements**
Fischer Quarry & Hauling's 350 horsepower engine shall not remain at one location within this site longer than 12 consecutive months in order for the engine to meet the definition of a nonroad engine as stated in 40 CFR 89.2. This engine shall be moved with its associated equipment at least once every 12 consecutive months after operating at this site for any period of time.
6. **Record Keeping Requirement**
Fischer Quarry & Hauling 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.
7. **Reporting Requirement**
Fischer Quarry & Hauling 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.

