

NATURAL RESOURCES

Eric R. Greitens, Governor

Carol S. Comer, Director

DEC 04 2017

Ms. Lina Klein
 Environmental Director
 Fred Weber, Inc.
 2320 Creve Coeur Mill Road
 Maryland Heights, MO 63043

RE: New Source Review Permit Amendment – Permit Number: 052012-004C
 Project Number: 2017-10-033; Installation Number: PORT - 0681

Dear Ms. Klein:

On October 19, 2017, the Air Pollution Control Program received your request to amend Fred Weber's PORT-0681 permit amendment 052012-004A in order to allow concurrent operation with Mississippi Sand's frack sand drying facility (ID# 099-0008). Specifically, this amendment will be superseding Site Specific Special Condition 2 of permit amendment 052012-004A from a ambient impact limit for particulate matter less the ten microns in diameter (PM₁₀) and replacing it with a corresponding daily throughput limitations on the PORT-0681 portable rock crushing plant. This change reflects the Air Pollution Control Program's updated construction industry policy "Ceasing the Use of Nomographs" dated May 1, 2016. Fred Weber, Inc. cannot operate with any other plants that have ambient impact limits based on the Air Pollution Control Program's nomographs. When other plants are located at the same site as PORT-0681, please refer to the special conditions of that plant's permit.

Fred Weber, Inc.'s portable plant (PORT-0681) is permitted to operate at the site with other plants both owned and not owned by Fred Weber, Inc. as long as the following scenarios listed in the table below are maintained. For concurrent (same owner) and concurrent (same and separate owner), daily limits were calculated with the assumption the portable rock crusher would have a daily ambient impact of 95.04 µg/m³ of PM₁₀. Other plants owned by Fred Weber which are still permitted with ambient impact limits based upon the NAAQs which would like to operate concurrently will need to receive daily production limits before they can operate at this site. Those daily production limits will need to be based upon the remaining particulate ambient impact of 9.61 µg/m³ (Mississippi Sand's frack sand drying facility located at the site contributes 25.35 µg/m³ while background fugitive emissions account for 20 µg/m³).

Table 1: Summary of Daily Production Limits for PORT-0681 Rock-Crushing Plant

| Type of Operation | Daily Production Limit (tons) |
|---|-------------------------------|
| ^a Solitary | No Daily Limit |
| ^b Concurrent (separate owner) | 10,901 |
| ^c Concurrent (same owner) | 9900 |
| ^d Concurrent (same and separate owner) | 9900 |

^a Operation of only the portable rock crusher.

^b Operation of the portable rock crusher with plants not owned by Fred Weber, Inc.

^c Operation of the portable rock crusher and other plants owned by Fred Weber, Inc.

^d Operation of portable rock crusher with both plants owned by Fred Weber, Inc. and plants not owned by Fred Weber, Inc.



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Table 2 of permit amendment 052012-004A listed the daily production for solitary operation as 12,000 tons per day (i.e. 500 tph maximum hourly production rate multiplied by 24 hours). The daily limit for operating with plants not owned by Fred Weber was listed as 10,926 tons per day though this is slightly higher than the value listed in Table 1 due to rounding differences. Be aware that annual production of crushed rock is still limited by the 10 ton per year PM_{2.5} limit in permit amendment 052012-004A. A stationary asphalt plant located at the site was issued Construction Permit 082015-016 to dry sand. No ambient impact limit is associated with this permit as industrial sand drying is not considered part of the construction industry. Therefore, the asphalt plant was not considered as a part of determining daily production limits.

Please attach this amendment letter and the following special conditions to the original permit. If you have any questions regarding this permit, please do not hesitate to contact Hans Robinson 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.

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.

Sincerely,

AIR POLLUTION CONTROL PROGRAM



Kendall B. Hale
Permits Section Chief

KBH:hrj

Enclosures

c: Southeast Regional Office
PAMS File: 2017-10-033

SITE SPECIFIC 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."

These special conditions apply to the following site(s):

| Site Name | Site ID Number | Site Address | County, Section, Township, and Range |
|---------------|----------------|---------------------------------|--------------------------------------|
| Festus Quarry | 099-0007 | 838 VFW Drive, Festus, MO 63028 | Jefferson County, S16, T40N, R6E |

1. **Superseding Condition**

The conditions of this permit supersede Site Specific Special Condition 2 found in Construction Permit 052012-004A which was issued by the Air Pollution Control Program.

2. **Daily Production Limit For Rock-Crushing Plant**

A. Fred Weber, Inc.'s PORT-0681 rock crushing plant shall limit its daily production based on Table 1 using Attachment A, or another equivalent form, that has been approved by the Air Pollution Control Program, including electronic forms.

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^a Operation of only the portable rock crusher.

^b Operation of the portable rock crusher with plants not owned by Fred Weber, Inc.

^c Operation of the portable rock crusher and other plants owned by Fred Weber, Inc.

^d Operation of portable rock crusher with both plants owned by Fred Weber, Inc. and plants not owned by Fred Weber, Inc.

3. **Record Keeping Requirement**

Fred Weber, Inc. 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.

4. **Reporting Requirement**

Fred Weber, Inc. shall report to the Air Pollution Control Program, Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than 10 days after any exceedances of the limitations imposed by this permit.

