

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: **052012-004**

Project Number: 2012-04-070

Installation ID: PORT-0681

Parent Company: Fred Weber, Inc.

Parent Company Address: 2320 Creve Coeur Mill Road, Maryland Heights, MO 63043

Installation Name: Fred Weber, Inc. PORT-0681

Installation Address: 13588 Brickey's Road, Bloomsdale, MO 63627

Location Information: Ste. Genevieve County, S13/23 T39N R7E

Application for Authority to Construct was made for:

The installation of a portable rock crushing plant that has been permitted only in St. Louis County. This permit will supersede those permits and will include an ambient impact analysis for the entire installation. This review was conducted in accordance with Section (6), 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.

MAY - 7 2012

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 Department's Air Pollution Control Program of the anticipated date of startup 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 startup 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.

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Project No.	2012-04-070

GENERAL 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."

1. Superseding Condition

The conditions of this permit supersede all special conditions found in the previously issued construction permit 7324, 7325, 7326, 7327, 7328, and 7329 from the St. Louis County Air Pollution Control Program.

2. Equipment Identification Requirement

Fred Weber, Inc. PORT-0681 shall maintain easily read permanent markings on each component of the plant. These markings shall be the equipment's serial number or a company assigned identification number that uniquely identifies the individual component. These identification numbers must be submitted to the Air Pollution Control Program no later than 15 days after start-up of the portable rock crushing plant.

3. Relocation of Portable Rock Crushing Plant

A. Fred Weber, Inc. PORT-0681 shall not be operated at any location longer than 24 consecutive months.

B. A complete "Portable Source Relocation Request" application must be submitted to the Air Pollution Control Program prior to any relocation of this portable rock crushing plant.

1) If the portable rock crushing plant is moving to a site previously permitted, and if the circumstances at the site have not changed, then the application must be received by the Air Pollution Control Program at least seven days prior to the relocation.

2) If the portable rock crushing plant is moving to a new site, or if circumstances at the site have changed (e.g. the site was only permitted for solitary operation and now another plant is located at the site), then the application must be received by the Air Pollution Control Program at least 21 days prior to the relocation. The application must include written notification of any concurrently operating plants.

4. Record Keeping Requirement

Fred Weber, Inc. PORT-0681 shall maintain all records required by this permit for not less than five years and shall make them available to any Missouri Department of Natural Resources' personnel upon request.

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GENERAL SPECIAL CONDITIONS:

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

5. Reporting Requirement

Fred Weber, Inc. PORT-0681 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.

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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."

PORT ID Number: PORT-0681

Site ID Number: 186-0053

Site Name: APAC - Brickey's Stone

Site Address: 13588 Brickey's Road Bloomsdale, MO 63627

Site County: Ste. Genevieve S13/23 T39N R7E

1. **Best Management Practices Requirement**
Fred Weber, Inc. PORT-0681 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.
2. **Ambient Air Impact Limitation**
 - A. Fred Weber, Inc. PORT-0681 shall not cause an exceedance of the National Ambient Air Quality Standard (NAAQS) for particulate matter less than ten microns in aerodynamic diameter (PM₁₀) of 150.0 µg/m³ 24-hour average in ambient air.
 - B. Fred Weber, Inc. PORT-0681 shall demonstrate compliance with special condition 2.A using Attachment A and Attachment B or other equivalent forms that have been approved by the Air Pollution Control Program, including electronic forms. Fred Weber, Inc. PORT-0681 shall account for the impacts from other sources of PM₁₀ as instructed in the attachments.
 - C. Fred Weber, Inc. PORT-0681 is exempt from the requirements of Special Condition 2.B when no other plants are operating at this site.
3. **Annual Emission Limit**
 - A. Fred Weber, Inc. PORT-0681 shall emit less than 10.0 tons of particulate matter less than 2.5 microns in aerodynamic diameter (PM_{2.5}) in any 12-month period from the entire installation.
 - B. Fred Weber, Inc. PORT-0681 shall demonstrate compliance with Special Condition 3.A using Attachment C or another equivalent form that has been approved by the Air Pollution Control Program, including an electronic form.

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SITE SPECIFIC SPECIAL CONDITIONS:

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

4. **Wet Suppression Control System Requirement**
 - A. Fred Weber, Inc. PORT-0681 shall install and operate wet spray devices on all crushers and screens.
 - B. Watering may be suspended during periods of freezing condition, when use of the wet spray devices may damage the equipment. During these conditions, Fred Weber, Inc. PORT-0681 shall adjust the production rate to control emissions from these units. Fred Weber, Inc. PORT-0681 shall record a brief description of such events.
5. **Fuel Requirement-Diesel Generators**
 - A. Fred Weber, Inc. PORT-0681 shall burn exclusively low sulfur diesel fuel in their generator (EP-9) with a sulfur content less than or equal to 500 parts per million by weight.
 - B. Fred Weber, Inc. PORT-0681 shall demonstrate compliance with Special Condition 5.A by obtaining records from the vendor of the sulfur content for each shipment of fuel received or by testing each shipment of fuel for the sulfur content in accordance with the method described in 10 CSR 10-6.040 *Reference Methods*.
 - C. Fred Weber, Inc. PORT-0681 shall keep the records required by Special Condition 5.B with the unit and make them available for Department of Natural Resources' employees upon request.
6. **Minimum Distance to Property Boundary Requirement**

The primary rock crusher (EP-04) shall be located at least 1700 feet from the nearest property boundary.
7. **Diesel Generators**

Fred Weber, Inc. PORT-0681 shall only operate their diesel generators (EP-14) for the purpose of powering the plant's equipment during aggregate production.
8. **Record Keeping Requirement**

Fred Weber, Inc. PORT-0681 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.
9. **Reporting Requirement**

Fred Weber, Inc. PORT-0681 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.

REVIEW OF APPLICATION FOR AUTHORITY TO CONSTRUCT AND OPERATE
SECTION (6) REVIEW

Project Number: 2012-04-070
Installation ID Number: PORT-0681
Permit Number:

Fred Weber, Inc. PORT-0681
13588 Brickey's Road
Bloomsdale, MO 63627

Complete: April 12, 2012

Parent Company:
Fred Weber, Inc.
2320 Creve Coeur Mill Road
Maryland Heights, MO 63043

Ste. Genevieve County, S13/23 T39N R7E

PROJECT DESCRIPTION

Fred Weber, Inc. is relocating their portable rock crushing plant (PORT-0681) to the APAC – Brickey Stone site (186-0053) from out of state. PORT-0681 has a maximum hourly design rate of 500 tons of aggregate crushed per hour and is powered by two C-15 Caterpillar (540 HP), two C-13 Caterpillar (440 HP) and one C-13 Caterpillar (415 HP) diesel generators. The diesel generators mentioned previous all have a Tier 3 rating. PORT-0681 controls particulate matter using wet spray devices that are located on all crushers and screens. Currently at this site APAC operates a stationary rock crushing plant and Fischer Quarries operates a portable rock crushing plant (PORT-0504). Of the 130 $\mu\text{g}/\text{m}^3$ of daily PM_{10} ambient impact available at this site the APAC plant uses 100.0 $\mu\text{g}/\text{m}^3$ of daily PM_{10} ambient impact at the site and Fischer Quarries PORT-0504 uses 10.46 $\mu\text{g}/\text{m}^3$ of daily PM_{10} ambient impact. This leaves 19.54 $\mu\text{g}/\text{m}^3$ of daily PM_{10} ambient impact available at this site. Fred Weber, Inc. PORT-0681's maximum daily impact at this site is 27.97 $\mu\text{g}/\text{m}^3$ therefore PORT-0681 will be limited to 19.54 $\mu\text{g}/\text{m}^3$ at this site.

The applicant is using one of the methods described in Attachment AA, "Best Management Practices," to control emissions from haul roads and vehicular activity areas.

This installation is located in Ste. Genevieve County, an attainment area for all criteria pollutants.

This installation is on the List of Named Installations found in 10 CSR 10-6.020(3)(B), Table 2. This installation falls under Category 27. in Table 2 which sets the major source level at 250 tons per year and fugitive emissions are counted toward major source applicability.

TABLES

The following permits have been issued to Fred Weber, Inc. PORT-0681 from the St. Louis County Air Pollution Control Program.

Table 1: Permit History

Permit Number	Description
7324	Primary Crusher
7325	Primary Screen
7326	Secondary Crusher
7327	Secondary Screen
7328	Tertiary Crusher
7329	Finish Screen

The St. Louis County Air Pollution Control Program previously permitted Fred Weber, Inc. FastPack #2 plant (PORT-0681) to operate in the St. Louis County region via the construction permits listed above. However, in the process of permitting the portable rock crushing plant an ambient impact analysis was not performed.

When permitting rock crushing, concrete, and asphalt plants, the Missouri Department of Natural Resources Air Pollution Control Program does an ambient impact analysis for every site. Because of this, the Air Pollution Control Program determined that a new construction permit was needed for PORT-0681 so the ambient impact is accounted for at all sites that PORT-0681 is located at. This permit supersedes all permits issued by the St. Louis County Air Pollution Control Program.

The table below summarizes the emissions of this project. The potential emissions of the process equipment, which excluded emissions from haul roads and wind erosion, are site specific should not vary from site to site. The existing actual emissions were taken from previous year's EIQ. The potential emissions of the application represent the emissions of all equipment and activities assuming continuous operation (8760 hours per year). Conditioned potential emissions are based on a voluntary limit to avoid dispersion modeling requirements found in 10 CSR 10-6.060 Section (6). The conditioned potential emissions include emissions from sources that will limit their production to ensure compliance with the annual emission limit and sources that operate continuously.

Table 2: Emissions Summary (tons per year)

Air Pollutant	De Minimis Level/SMAL	Existing Potential Emissions	Existing Actual Emissions	^a Potential Emissions of the Application	^b Conditioned Potential Emissions
PM	25.0	N/A	N/A	166.53	32.64
PM ₁₀	15.0	N/A	N/A	56.71	11.11
PM _{2.5}	10.0	N/A	N/A	51.03	<10.00
SO _x	40.0	N/A	N/A	21.92	4.30
NO _x	40.0	N/A	N/A	68.80	13.48
VOC	40.0	N/A	N/A	27.21	5.33
CO	100.0	N/A	N/A	59.63	11.69
Total HAPs	25.0	N/A	N/A	0.30	0.06

N/A = Not Applicable

^a Includes site specific haul road and storage pile emissions

^b Conditioned potential emissions are based on a voluntary PM_{2.5} 10.0 ton per year limit to avoid dispersion modeling requirements found in 10 CSR 10-6.060 Section (6). All other pollutants are proportionally reduced.

Table 3: Ambient Air Quality Impact Analysis

Pollutant	^a NAAQS/RAL (µg/m ³)	Averaging Time	^b Maximum Modeled Impact (µg/m ³)	Limited Impact (µg/m ³)	Background (µg/m ³)	^c Daily Limit (tons/day)
^d PM ₁₀ (same)	150.0	24-hour	27.97	N/A	20.0	N/A
^e PM ₁₀ (separate)	150.0	24-hour	N/A	19.54	130.46	8,495

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

^b Modeled impact at maximum capacity with controls

^c Indirect limit based on compliance with NAAQS.

^d Solitary operation or operation with other plants that are owned by Fred Weber, Inc.

^e Operation with other plants that are not owned by Fred Weber, Inc.

The plant's five diesel engines were modeled for PM₁₀ using the AERSCREEN screen modeling software. The stack characteristic entered into the modeled are listed in Table 3.

Table 4: AERSCREEN Input Parameters

Equipment Description	Stack Height (m)	Stack Inside Diameter (m)	Stack Gas Exit Velocity (m/s)	Stack Gas Exit Temperature (K)	Dispersion Coefficient
Two (2) C-15 Caterpillar (540 HP)	1.524	0.2042	50.085	782.15	Rural
Three (3) C-13 Caterpillar (440 HP)	1.524	0.2042	40.117	782.15	Rural

EMISSIONS CALCULATIONS

Emissions for the project were calculated using emission factors found in the United States Environmental Protection Agency (EPA) document AP-42 *Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources*, Fifth Edition (AP-42).

Emissions from the rock-crushing equipment were calculated using emission factors from AP-42 Section 11.19.2 "Crushed Stone Processing and Pulverized Mineral Processing," August 2004. The controlled emission factors were used because the inherent moisture content of the crushed rock is greater than 1.5% weight and the equipment is controlled by water spray devices.

Emissions from the diesel engines/generators were calculated using emission factors from AP-42, Section 3.3 Gasoline and Diesel Industrial Engines," October 1996 and the Environmental Protection Agency (EPA) Tier 3 Nonroad Diesel Engine Emission Standards. PORT-0641 will be using a Tier 3 rated diesel engines to power their plant. All the criteria pollutants emissions except for Nitrogen Oxides (NO_x) and Carbon Monoxide (CO) were calculated using AP-42. The NO_x and CO emissions were calculated using the EPA Tier 3 Emission Standards.

Emissions from haul roads and vehicular activity areas were calculated using the predictive equation from AP-42 Section 13.2.2 "Unpaved Roads," November 2006. A

90% control efficiency is applied to the emission calculations for the use of BMPs. Emissions from load-in and load-out of storage piles were calculated using the predictive equation from AP-42 Section 13.2.4. The moisture content of the aggregate is 1.5% weight. Emissions from wind erosion of storage piles were calculated using an equation found in the Air Pollution Control Program's Emissions Inventory Questionnaire Form 2.8 "Storage Pile Worksheet."

AMBIENT AIR QUALITY IMPACT ANALYSIS

An ambient air quality impact analysis (AAQIA) was performed to determine the impact of the pollutants listed in Table 3. The Air Pollution Control Program requires an AAQIA of PM₁₀ for all asphalt, concrete and rock-crushing plants regardless of the level of PM₁₀ emissions if a permit is required. An AAQIA is required for other pollutants if their emissions exceed their respective de minimis or screening model action level (SMAL). The AAQIA was performed using the Air Pollution Control Program's generic nomographs and when appropriate the EPA modeling software AERSCREEN. For each pollutant that was modeled, the maximum concentration that occurs at or beyond the site boundary was compared to the National Ambient Air Quality Standard (NAAQS) or Risk Assessment Level (RAL) for the pollutant. If during continuous operation the modeled concentration of a pollutant is greater than the applicable NAAQS or RAL, the plant's production is limited to ensure compliance with the standard.

This plant uses BMPs to control emissions from haul roads and vehicular activity areas, so emissions from these sources were not included in the AAQIA. Instead they were addressed as a background concentration of 20 µg/m³ of PM₁₀ in accordance with the Air Pollution Control Program's BMPs interim policy.

OPERATING SCENARIOS

The plant is permitted to operate with other plants located at the site as long as the NAAQS is not exceeded. The following scenarios explain how Fred Weber, Inc. PORT-0681 shall demonstrate compliance with the NAAQS.

- When no other plants are located at this site Fred Weber, Inc. does not have to calculate the daily impact of Fred Weber, Inc. PORT-0681.
- When plants that are owned by Fred Weber, Inc., which are referred to as same owner plants, are located at the site, Fred Weber, Inc. must calculate the daily impact of each plant and limit the total impact of all plants below the NAAQS using Attachment A.
- When plants that are not owned by Fred Weber, Inc., which are referred to as separate owner plants, are located at the site, Fred Weber, Inc. must account for the impacts of these plants as a background concentration and add it to the total impact of all plants owned by Fred Weber, Inc. that are operating at the site. This total is limited below the NAAQS. Fred Weber, Inc. will limit the total impact of all plants they own and operate at the site to 19.54 µg/m³ when any plants they do not own are located at

the site. Fred Weber, Inc. PORT-0681 is not permitted to operate with any plant that is not owned by Fred Weber, Inc. that has a separate owner background greater than 110.46 µg/m³. During this scenario, Fred Weber, Inc. PORT-0681 shall use Attachment B to demonstrate compliance with the NAAQS.

PERMIT RULE APPLICABILITY

This review was conducted in accordance with Section (6) of Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*. Potential emissions of PM_{2.5} are conditioned below de minimis levels.

APPLICABLE REQUIREMENTS

Fred Weber, Inc. PORT-0681 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.
- No Operating Permit is required for this installation.
- *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
- *Restriction of Emission of Odors*, 10 CSR 10-6.165

SPECIFIC REQUIREMENTS

- 40 CFR 60 Subpart OOO, "Standards of Performance for Nonmetallic Mineral Processing Plants" applies to the equipment.
- None of the National Emission Standards for Hazardous Air Pollutants (NESHAPS) or National Emission Standards for Hazardous Air Pollutants for Source Categories (MACTS) apply to the proposed equipment.
- *Restriction of Emission of Sulfur Compounds*, 10 CSR 10-6.260

STAFF RECOMMENDATION

On the basis of this review conducted in accordance with Section (6), Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*, I recommend this permit be granted with special conditions.

Gerad Fox
Environmental Engineer

Date

PERMIT DOCUMENTS

The following documents are incorporated by reference into this permit:

- The Application for Authority to Construct form, dated April 11, 2012, received April 12, 2012, designating Fred Weber, Inc. as the owner and operator of the installation.
- U.S. EPA document AP-42, *Compilation of Air Pollutant Emission Factors*, Fifth Edition.

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 manufacture'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, volume of water application and total surface area of active haul roads or the amount of precipitation that day. The operators shall also record the rationale 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. Lina Klein
Environmental Manager
Fred Weber, Inc. PORT-0681
2320 Creve Coeur Mill Road
Maryland Heights, MO 63043

RE: New Source Review Permit - Project Number: 2012-04-070

Dear Ms. Klein:

Enclosed with this letter is your permit to construct. Please study it carefully. Also, note the special conditions, if any, 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 and your new source review permit application 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 Gerad Fox, 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

Susan Heckenkamp
New Source Review Unit Chief

SH:gfl

Enclosures

c: Southwest Regional Office
PAMS File: 2012-04-070

Permit Number: