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: 102015-008 Project Number: 2015-05-010
Installation ID: PORT-0722

Parent Company: Kemp Stone, Inc.

Parent Company Address: P.O. Box 988, Pryor, Oklahoma 74362

Installation Name: Kemp Stone, Inc. - Neosho Quarry

Installation Address: 1 Mile West of I-49 on Poppy Road, Neosho, Missouri 64850

Location Information: Newton County, S24, T24N, R33W

Application for Authority to Construct was made for: The addition of a new aggregate screening unit with a maximum hourly design rate of 400 tons per hour. 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.

OCT 28 2015

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 start up of this (these) air contaminant sources(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 start up 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 sources(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.
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.”

Kemp Stone, Inc. – PORT-0722

1. Relocation of Portable Rock Crushing Plant
   A. APAC Missouri, Inc.-PORT-0716 shall not be operated at any location longer than 24 consecutive months except if the Site Specific Special Conditions of this portable plant, PORT-0716, contain a nonroad engine requirement limiting the portable plant at the site specific location to 12 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.

2. Record Keeping Requirement
   APAC Missouri, Inc. 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.

3. Reporting Requirement
   APAC Missouri, 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.
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.”

1. Best Management Practices Requirement
   Kemp Stone, Inc. - Neosho Quarry (PORT-0722) shall control fugitive emissions from all of the haul roads and vehicular activity areas at this site by performing BMPs as defined in Attachment AA.

2. Ambient Air Quality Impact Limitation
   A. Kemp Stone, Inc. - Neosho Quarry shall not cause an exceedance of the 24-hour NAAQS for PM_{10} of 150.0 µg/m³ 24-hour average in ambient air.
   B. Kemp Stone, Inc. - Neosho Quarry is permitted for concurrent operations with same owner plants as long as the ambient air quality impact is balanced between all plants operating on-site—such that the 24-hour NAAQS for PM_{10} is not exceeded.
   C. Kemp Stone, Inc. - Neosho Quarry shall demonstrate compliance with Special Condition 2.A. and 2.B. using Attachment A, or other equivalent forms that have been approved by the Air Pollution Control Program, including electronic forms. Kemp Stone, Inc. - Neosho Quarry shall account for the impacts from other sources of PM_{10} as instructed in the attachments.

3. Moisture Content Testing Requirement
   A. Kemp Stone, Inc. - Neosho Quarry shall verify that the moisture content of the processed rock is greater than or equal to 1.5% 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.
   D. The test samples shall be taken from rock that has been processed by the plant or from each source of aggregate (e.g. 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
SITE SPECIFIC SPECIAL CONDITIONS:
The permittee is authorized to construct and operate subject to the following special conditions:

the test. The report shall be filed on-site or at the Kemp Stone, Inc. - Neosho Quarry 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 3.A., another test may be performed within 15 days of the noncompliant test. If the results of that test is less than the moisture content in Special Condition 3.A., Kemp Stone, Inc. - Neosho Quarry 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 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.
   3) In lieu of testing, Kemp Stone, Inc. - Neosho Quarry may obtain test results that demonstrate compliance with the moisture content in Special Condition 3.A. from the supplier of the aggregate.

4. Nonroad Engine Requirement
Kemp Stone, Inc. - Neosho Quarry – PORT-0722’s 750 horsepower diesel 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.

5. Primary Equipment Requirement
Kemp Stone, Inc. - Neosho Quarry - PORT-0722 shall only process rock that has been stockpiled. Processing any aggregate that is not from the stockpile is prohibited.

6. Minimum Distance to Property Boundary Requirement
The primary emission point shall be located at least 250 feet from the nearest property boundary.

7. Concurrent Operation Restriction
   A. Kemp Stone, Inc. - Neosho Quarry is prohibited from operating whenever separate owner plants (plants that are not owned by Kemp Stone, Inc.) are located at the site.
   
   B. When same owner plants (plants that are owned by Kemp Stone, Inc.) are located at this site, this screening plant may operate concurrently as long as the compliance is demonstrated as stated in Special Condition 2.B. and 2.C.
SITE SPECIFIC SPECIAL CONDITIONS:
The permittee is authorized to construct and operate subject to the following special conditions:

8. Record Keeping Requirement
Kemp Stone, Inc. - Neosho Quarry 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
Kemp Stone, Inc. - Neosho Quarry 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.
Kemp Stone, Inc. - Neosho Quarry Complete: June 4, 2015
1 Mile West of I-49 on Poppy Road
Neosho, Missouri 64850

Parent Company:
Kemp Stone, Inc.
P.O. Box 988
Pryor, Oklahoma 74362

Newton County, S24, T24N, R33W

INSTALLATION DESCRIPTION

Kemp Stone, Inc. is applying to construct a new portable screening plant that will be used to process stockpiled aggregate at the Neosho Quarry. Kemp Stone, Inc. owns the Neosho Quarry which is located in Neosho, Missouri (S24, T24N, R33W). Neosho Quarry currently has a stationary rock crushing plant that processes aggregate through a series of screens and crushers. Aggregate that is not immediately shipped is placed in a stockpile area in the northwest section of the quarry property. The installation also has a Basic Operating Permit for the current crushing operation.

PROJECT DESCRIPTION

Kemp Stone, Inc. – Neosho Quarry is applying for authority to construct a portable screening plant (PORT-0722) that runs independent of the primary plant. The portable screen will be positioned near the stockpile area, and its function will be screening the stockpiled aggregate to assess what can be reprocessed through the primary crushing plant. This screen will not be debottlenecking any of the facility’s current operations; therefore, the potential emissions (PTE) of the screen will be assessed separately. Special Condition 5 in this permit prevents debottlenecking from occurring by limiting the screen’s processing to stockpiled aggregate only. There are no control devices associated with this screening unit; however, as stated in the permit application cover letter, the moisture content of the rock is greater than 1.5% by weight—so the controlled emission factors were used in calculating the PTE for the screening unit.

Because PORT-0722 can operate independently of the stationary rock crushing plant on-site, the ambient air quality impact must be tracked for each plant (the stationary and the new screening unit), and then production of both plants shall be balanced such that the 24-hour NAAQS for PM_{10} is not exceeded for this facility.
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 Newton County, an attainment area for all criteria pollutants. This installation is not on the List of Named Installations found in 10 CSR 10-6.020(3)(B), Table 2. The installation's major source level is 250 tons per year and fugitive emissions are not counted toward major source applicability.

TABLES

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 not site specific and should not vary from site to site. The existing actual emissions for this installation were taken from the previous years EIQ. The potential emissions of the application represent the emissions of all equipment and activities from this project assuming continuous operation (8760 hours per year). The conditioned potential emissions account for the indirect production limit from compliance with the 24-hour NAAQS for PM$_{10}$.

Table 1: Emissions Summary (tons per year)

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<thead>
<tr>
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</tr>
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<tbody>
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<td>PM</td>
<td>25.0</td>
<td>6.31</td>
<td>N/A</td>
<td>58.46</td>
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<td>PM$_{10}$</td>
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<td>3.85</td>
<td>14.14</td>
<td>24.57</td>
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<td>PM$_{2.5}$</td>
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<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

N/A = Not Applicable

a Emissions from equipment excluding the potential emissions from fugitive sources such as haul roads.

b Includes site specific haul road and storage pile emissions.

c Conditioned PTE accounts for the indirect limit from compliance with the 24-hour NAAQS for PM$_{10}$. 
The ambient air quality impact analysis was completed for solitary/same owner operations, but not for separate owner operations. PORT-0722 is only permitted to operate in a solitary operation scenario or same owner operating scenarios.

Table 2: Ambient Air Quality Impact Analysis

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>NAAQS/ RAL (µg/m³)</th>
<th>Averaging Time</th>
<th>Maximum Modeled Impact (µg/m³)</th>
<th>Limited Impact (µg/m³)</th>
<th>Background (µg/m³)</th>
<th>bDaily Limit (tons/day)</th>
</tr>
</thead>
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<tr>
<td>(^{a})PM(_{10}) (solitary/same)</td>
<td>150.0</td>
<td>24-hour</td>
<td>148.32</td>
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<td>20.00</td>
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<tr>
<td>(^{b})PM(_{10}) (solitary/same)</td>
<td>150.0</td>
<td>24-hour</td>
<td>N/D</td>
<td>130.00</td>
<td>20.00</td>
<td>N/D</td>
</tr>
</tbody>
</table>

N/D = Not Determined

a Modeled impact at maximum capacity of this screen (with control devices).
b Indirect limit based on compliance with NAAQS.
c Solitary operation of PORT-0722.
d Operations with plants also owned by Kemp Stone, Inc.

EMISSIONS CALCULATIONS

Emissions for the project were calculated using emission factors found in the United States 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 aggregate being processed is greater than 1.5% by weight.

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 for PM and PM\(_{10}\) and a 40% control efficiency for PM\(_{2.5}\) were 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% by 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 2. The Air Pollution Control Program requires an AAQIA of PM\(_{10}\) for all asphalt, concrete and rock-crushing plants regardless of the level of PM\(_{10}\) 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 NAAQS or 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/m\(^3\) of PM\(_{10}\) in accordance with the Air Pollution Control Program’s BMPs interim policy.

ALLOWABLE OPERATING SCENARIOS

The plant is permitted to operate with other same owner plants located at the site as long as the 24-hour NAAQS for PM\(_{10}\) (NAAQS) is not exceeded. The following scenarios explain how Kemp Stone, Inc. - Neosho Quarry – PORT-0722 shall demonstrate compliance with the NAAQS.

- When no other plants are located at this site, PORT-0722 shall limit their ambient air quality impact to 130.0 µg/m\(^3\) or less using the provided tracking sheet (Attachment A)—the solitary plant ambient air quality impact combined with the 20.0 µg/m\(^3\) background ambient air quality impact must be equal to or less than the NAAQS (150.0 µg/m\(^3\)).

- When plants that are owned by Kemp Stone, Inc., which are referred to as same owner plants, are located at the site, Kemp Stone, Inc. must calculate the daily impact of each plant and limit the total impact of all plants such that the 24-hour NAAQS for PM\(_{10}\) is not exceeded by using the provided tracking sheet (Attachment A), or equivalent tracking forms.

- When plants that are not owned by Kemp Stone, Inc., which are referred to as separate owner plants, are located at the site, Kemp Stone, Inc.—PORT-0722 is not permitted to operate.
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 and PM$_{10}$ are above de minimis levels, but lower than the major source emission threshold. All remaining pollutants are below de minimis levels.

APPLICABLE REQUIREMENTS

Kemp Stone, Inc. - Neosho Quarry (PORT-0722) 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.

- 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


- Restriction of Emission of Sulfur Compounds, 10 CSR 10-6.260, does not apply because the engine is classified as a nonroad engine.
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.

________________________________   ________________________________
Jordan Hindman Date
New Source Review Unit

PERMIT DOCUMENTS

The following documents are incorporated by reference into this permit:

- The Application for Authority to Construct form, dated April 23, 2015, received May 4, 2015, designating Kemp Stone, Inc. as the owner and operator of the installation.
## Attachment A: Ambient Impact Tracking Sheet
### For Solitary and Same Owner Operations
#### Kemp Stone, Inc. - Neosho Quarry PORT-0722
#### Project Number: 2015-05-010

This sheet covers the period from ________________ to ________________ (Copy as needed)

(Month, Day Year) (Month, Day Year)

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<th>Date</th>
<th>Daily Production (tons)</th>
<th>Impact Factor (µg/m³/ton)</th>
<th>Impact¹ (µg/m³)</th>
<th>Impact² (µg/m³)</th>
<th>Impact² (µg/m³)</th>
<th>Impact² (µg/m³)</th>
<th>Background (µg/m³)</th>
<th>Total Impact³ (µg/m³)</th>
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¹Calculate the impact for PORT-0722 by multiplying the daily production by the impact factor.
²Input the impact for any plants owned by Kemp Stone, Inc. that are operating on the site.
³Calculate the total impact by adding the applicable impacts and background. A total of 150 µg/m³ or less is necessary for compliance.
Haul roads and vehicular activity areas shall be maintained in accordance with at least one of the following options when the 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 emissions 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 manufacturer’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 rational 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.
Abbreviations and Acronyms

% ............ percent  
°F .......... degrees Fahrenheit  
acfm .......... actual cubic feet per minute  
BACT ....... Best Available Control Technology  
BMPs ....... Best Management Practices  
Btu......... British thermal unit  
CAM ....... Compliance Assurance Monitoring  
CAS ........ Chemical Abstracts Service  
CEMS ....... Continuous Emission Monitor System  
CFR ........ Code of Federal Regulations  
CO .......... carbon monoxide  
CO₂ .......... carbon dioxide  
CO₂e ....... carbon dioxide equivalent  
COMS ....... Continuous Opacity Monitoring System  
CSR ........ Code of State Regulations  
dscf ........ dry standard cubic feet  
EIQ .......... Emission Inventory Questionnaire  
EP .......... Emission Point  
EPA ........ Environmental Protection Agency  
EU .......... Emission Unit  
fps .......... feet per second  
ft .......... feet  
GACT ....... Generally Available Control Technology  
GHG ........ Greenhouse Gas  
gpm ........ gallons per minute  
gr .......... grains  
GWP ....... Global Warming Potential  
HAP ........ Hazardous Air Pollutant  
hr .......... hour  
hp .......... horsepower  
lb .......... pound  
lbs/hr ...... pounds per hour  
MACT ...... Maximum Achievable Control Technology  
µg/m³ ...... micrograms per cubic meter  
m/s ........ meters per second  
Mgal ...... 1,000 gallons  
MW .......... megawatt  
MHDR ...... maximum hourly design rate  

MMBtu .... Million British thermal units  
MMCF .... million cubic feet  
MSDS .... Material Safety Data Sheet  
NAAQS ... National Ambient Air Quality Standards  
NESHAPs .. National Emissions Standards for Hazardous Air Pollutants  
NOₓ .......... nitrogen oxides  
NSPS ...... New Source Performance Standards  
NSR ...... New Source Review  
PM ....... particulate matter  
PM₂.⁵ ...... particulate matter less than 2.5 microns in aerodynamic diameter  
PM₁₀ ...... particulate matter less than 10 microns in aerodynamic diameter  
ppm .......... parts per million  
PSD ........ Prevention of Significant Deterioration  
PTE .......... potential to emit  
RACT ...... Reasonable Available Control Technology  
RAL ...... Risk Assessment Level  
SCC .......... Source Classification Code  
scfm ...... standard cubic feet per minute  
SDS .......... Safety Data Sheet  
SIC .......... Standard Industrial Classification  
SIP .......... State Implementation Plan  
SMAL .... Screening Model Action Levels  
SOₓ .......... sulfur oxides  
SO₂ .......... sulfur dioxide  
tph .......... tons per hour  
tpy .......... tons per year  
VMT .......... vehicle miles traveled  
VOC .......... Volatile Organic Compound
Mr. James Kemp  
President  
Kemp Stone, Inc. - Neosho Quarry  
P.O. Box 988  
Pryor, Oklahoma 74362  

RE: New Source Review Permit - Project Number: 2015-05-010  

Dear Mr. Kemp:  

Enclosed with this letter is your permit to construct. Please study it carefully and refer to Appendix A for a list of common abbreviations and acronyms used in the permit. Also, note the special conditions 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, your new source review permit application and with your amended operating permit 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 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, Truman State Office Building: [Website]. If you have any questions contact Jordan Hindman, at the department’s Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102 (573) 751-4817. 

Sincerely,  

AIR POLLUTION CONTROL PROGRAM  

Susan Heckenkamp  
New Source Review Unit Chief  
SH:jhl  

Enclosures  

c: Southwest Regional Office  
PAMS File: 2015-05-010  

Permit Number: