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: 042015-003

Parent Company: Cane Creek Quarry LLC

Parent Company Address: 2179 County Road 321, Poplar Bluff, MO 63901

Installation Name: Cane Creek Quarry LLC

Installation Address: 2179 County Road 321, Poplar Bluff, MO 63901

Location Information: Butler County, S36, T24N, R5E

Application for Authority to Construct was made for: 253 ton per hour rock crushing plant. 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.

APR 13 2015

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 start up 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 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 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.
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**
   Cane Creek Quarry LLC 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. **Annual PM$_{10}$ Emission Limit**
   A. Cane Creek Quarry LLC shall emit less than 15.0 tons of PM$_{10}$ in any 12-month period from the entire installation. The table below lists the on-site equipment that contributes to the annual emissions.

   **Table 1: Equipment List (Site ID: 023-0074)**

<table>
<thead>
<tr>
<th>Emission Unit Ref #</th>
<th>Equipment Name</th>
<th>Combined MHDR (tph)</th>
<th>New (N) or Existing (E)?</th>
</tr>
</thead>
<tbody>
<tr>
<td>EP1</td>
<td>Rock Unloading Area</td>
<td>253</td>
<td>N</td>
</tr>
<tr>
<td>EP2</td>
<td>Grizzly Feeder</td>
<td>253</td>
<td>N</td>
</tr>
<tr>
<td>EP3</td>
<td>Primary Jaw Crusher</td>
<td>253</td>
<td>N</td>
</tr>
<tr>
<td>EP4</td>
<td>Screening Unit</td>
<td>253</td>
<td>N</td>
</tr>
<tr>
<td>EP5</td>
<td>Secondary Impact Crusher</td>
<td>253</td>
<td>N</td>
</tr>
<tr>
<td>EP6</td>
<td>Processed Rock Conveyor</td>
<td>253</td>
<td>N</td>
</tr>
<tr>
<td>EP7 - EP11</td>
<td>Transfer Conveyors</td>
<td>1265</td>
<td>N</td>
</tr>
</tbody>
</table>

   B. Cane Creek Quarry LLC shall demonstrate compliance with Special Condition 2.A using Attachment A or another equivalent form that has been approved by the Air Pollution Control Program, including an electronic form.

3. **Ambient Air Impact Limitation**
   A. Cane Creek Quarry LLC shall not cause an exceedance of the National Ambient Air Quality Standard (NAAQS) for particulate matter less than ten microns in aerodynamic diameter (PM$_{10}$) of 150.0 µg/m$^3$ 24-hour average in ambient air.

   B. Cane Creek Quarry LLC shall demonstrate compliance with Special Condition 3.A using Attachment B or another equivalent form that has been approved by the Air Pollution Control Program, including an electronic form.

4. **Moisture Content Testing Requirement**
   A. Cane Creek Quarry LLC shall verify that the moisture content of the processed rock is greater than or equal to 1.5 percent by weight.
SITE SPECIFIC SPECIAL CONDITIONS:
The permittee is authorized to construct and operate subject to the following special conditions:

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 the test. The report shall be filed on-site or at the Cane Creek Quarry LLC 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 also exceed the limit, Cane Creek Quarry LLC 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.

5. Minimum Distance to Property Boundary Requirement
   The primary emission point shall be located at least 100 feet from the nearest property boundary.

6. Concurrent Operation Restriction
   Cane Creek Quarry LLC is prohibited from operating whenever other plants are located at the site.

7. Primary Equipment Requirement
   Cane Creek Quarry LLC shall process all rock through the primary crusher (EP3). Bypassing the primary crusher is prohibited.

8. Nonroad Engine Requirement
   Cane Creek Quarry LLC cannot operate at this site longer than 12 consecutive months in order to avoid recordkeeping showing the movement of the diesel engine. To meet the definition of a nonroad engine as stated in 40 CFR 89.2, the diesel engine cannot
SITE SPECIFIC SPECIAL CONDITIONS:
The permittee is authorized to construct and operate subject to the following special conditions:

remain in one physical location for longer than 12 consecutive months.

9. Record Keeping Requirement
Cane Creek Quarry LLC 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.

10. Reporting Requirement
Cane Creek Quarry LLC 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.
Cane Creek Quarry LLC  
2179 County Road 321  
Poplar Bluff, MO 63901

Parent Company:  
Cane Creek Quarry LLC  
2179 County Road 321  
Poplar Bluff, MO 63901

Butler County, S36, T24N, R5E

PROJECT DESCRIPTION

Cane Creek Quarry LLC is installing a new rock crushing plant at their site (#023-0074) in Poplar Bluff, Butler County, Missouri. Butler County is an attainment area for all criteria pollutants. There has never been a permit issued to this installation by the Missouri Air Pollution Control Program. 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.

This rock crushing plant has been conservatively assumed to have a maximum hourly design rate of 253 tons per hour; this was based on the most conservative estimate of 253 tons per hour for the primary crushing unit (EP3). After the primary crushing, there is a screening unit (EP4), then a secondary crushing unit (EP5). Initial moisture content of 1.5% water, by weight, was used as the control method. All power on site is generated using the existing electrical power lines or via a nonroad generator set. Because New Source Performance Standard (NSPS) Subpart OOO applies to this new stationary rock crushing application, a Basic Operating Permit is required and should be applied for within the first 30 days of operation. No other plants are located at this site, and no concurrent operations are permitted.

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.
TABLES

Table 2 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. There are no existing actual emissions and no existing potential emissions. The potential emissions of the application represent the emissions of all equipment and activities assuming continuous operation (8760 hours per year). The conditioned potential emissions include emissions from sources that will limit their production to ensure compliance with the annual emission limit.

Table 2: Emissions Summary (tons per year)

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>De Minimis Level/SMAL</th>
<th>(^a)Potential Emissions of Equipment</th>
<th>Existing Actual Emissions (2013 EIQ)</th>
<th>(^b)Potential Emissions of the Application</th>
<th>(^c)Conditioned Potential Emissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM</td>
<td>25.0</td>
<td>5.87</td>
<td>N/A</td>
<td>85.16</td>
<td>38.15</td>
</tr>
<tr>
<td>PM(_{10})</td>
<td>15.0</td>
<td>2.27</td>
<td>N/A</td>
<td>33.49</td>
<td>15.00</td>
</tr>
<tr>
<td>PM(_{2.5})</td>
<td>10.0</td>
<td>0.18</td>
<td>N/A</td>
<td>9.84</td>
<td>4.41</td>
</tr>
<tr>
<td>SO(_X)</td>
<td>40.0</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>NO(_X)</td>
<td>40.0</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>VOC</td>
<td>40.0</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>CO</td>
<td>100.0</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>GHG (CO(_2)e)</td>
<td>75,000 / 100,000</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Total HAPs</td>
<td>25.0</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

N/A = Not Applicable

\(^a\) Includes all equipment in this application for authority to construct—project #2015-01-039

\(^b\) Includes site specific haul road and storage pile emissions

\(^c\) Accounts for the voluntary limit taken on annual PM\(_{10}\) emissions

Table 3 lists the ambient air quality impact analysis of solitary operations only because there are no concurrent operations allowed by this permit.

Table 3: Ambient Air Quality Impact Analysis

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>NAAQS (µg/m(^3))</th>
<th>Averaging Time</th>
<th>(^a)Maximum Modeled Impact (µg/m(^3))</th>
<th>Limited Impact (µg/m(^3))</th>
<th>Background (µg/m(^3))</th>
<th>(^b)Daily Limit (tons/day)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(^c)PM(_{10}) (solitary)</td>
<td>150.00</td>
<td>24-hour</td>
<td>240.44</td>
<td>130.00</td>
<td>20.00</td>
<td>4,058</td>
</tr>
</tbody>
</table>

\(^a\) Modeled impact at maximum capacity with controls

\(^b\) Indirect limit based on compliance with the voluntary annual PM\(_{10}\) limit.

\(^c\) Solitary refers to the exclusive operation of the new rock crushing plant within project #2015-01-039.
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 crushed rock 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 3. 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 for the pollutant. If during continuous operation the modeled concentration of a pollutant is greater than the applicable NAAQS, 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.

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 are above de minimis levels, but below the major source threshold. Potential emissions of PM$_{10}$
are conditioned below de minimis levels and all remaining pollutants are thereby indirectly limited below de minimis levels.

APPLICABLE REQUIREMENTS

Cane Creek Quarry LLC 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.**

• A Basic Operating Permit application is required for this installation within 30 days of commencement of operations.

• **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.
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 January 13, 2015, received January 21, 2015, designating Cane Creek Quarry LLC as the owner and operator of the installation.

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

<table>
<thead>
<tr>
<th>Month</th>
<th>Production (tons)</th>
<th>Emission Factor (lb/ton)</th>
<th>Monthly Emissions&lt;sup&gt;1&lt;/sup&gt; (lbs)</th>
<th>Monthly Emissions&lt;sup&gt;2&lt;/sup&gt; (tons)</th>
<th>12-Month Total Emissions&lt;sup&gt;3&lt;/sup&gt; (tons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example</td>
<td>90,000</td>
<td>0.0274</td>
<td>2466</td>
<td>1.23</td>
<td>14.46</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.0274</td>
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</tbody>
</table>

1. Multiply the monthly production by the emission factor.
2. Divide the monthly emissions (lbs) by 2000.
3. Add the monthly emissions (tons) to the sum of the monthly emissions from the previous eleven months. A total of less than 15.0 (tons per year) is necessary for compliance.
Attachment B: PM\textsubscript{10} Ambient Air Impact Tracking Sheet
Cane Creek Quarry LLC 023-0074
Project Number: 2015-01-039
Permit Number:

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

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

<table>
<thead>
<tr>
<th>Date</th>
<th>Daily Production (tons)</th>
<th>Impact Factor (µg/m\textsuperscript{3}ton)</th>
<th>Impact\textsuperscript{1} (µg/m\textsuperscript{3})</th>
<th>Background (µg/m\textsuperscript{3})</th>
<th>Total Impact\textsuperscript{2} (µg/m\textsuperscript{3})</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example</td>
<td>4,000</td>
<td>0.032</td>
<td>128.0</td>
<td>20.0</td>
<td>&lt; 150.0</td>
</tr>
<tr>
<td></td>
<td>0.032</td>
<td></td>
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<td>0.032</td>
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</tbody>
</table>

\textsuperscript{1} Calculate the impact for PORT-0701 by multiplying the daily production by the impact factor.

\textsuperscript{2} Calculate the total impact by adding the applicable impacts and background. A total of 150.0 µg/m\textsuperscript{3} or less is necessary for compliance.
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 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.
APPENDIX A

Abbreviations and Acronyms

% .......... percent
ºF .......... 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. Chris Williams  
Cane Creek Quarry LLC  
2179 County Road 321  
Poplar Bluff, MO 63901  

RE: New Source Review Permit - Project Number: 2015-01-039

Dear Mr. Williams:

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 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, Room 640, 301 W. High Street, 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 permit, please do not hesitate to contact Jordan Hindman, 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:jh

Enclosures

PAMS File: 2015-01-039