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: 12012-005  Project Number: 2012-10-010
Installation ID: 145-0054

Parent Company: County Line Stone, LLC
Parent Company Address: 601 West 14th Street
P.O. Box 542, Cassville, MO 65625

Installation Name: County Line Stone, LLC
Installation Address: 31757 Gum Road, Pierce City, MO 65723

Location Information: Newton County, S26 T26N R29W

Application for Authority to Construct was made for: Construction of a generic 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.

EFFECTIVE DATE: DEC 7 2012

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.”

1. Generic Plant Designation and Maximum Combined Hourly Design Rate
County Line Stone, LLC has been designated to be a Generic Plant Operation. The combined Maximum Hourly Design Rate (MHDR) each of the following generic equipment types shall not exceed the rates and numbers listed in Table 1.

<table>
<thead>
<tr>
<th>Equipment Type</th>
<th>Maximum Combined Hourly Design Rate</th>
<th>Maximum Number of Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Unit(s) (Primary Crusher)</td>
<td>200 tons per hour</td>
<td>1</td>
</tr>
<tr>
<td>Feeder/Grizzly</td>
<td>200 tons per hour</td>
<td>1</td>
</tr>
<tr>
<td>Crusher(s) including primary crusher</td>
<td>400 tons per hour</td>
<td>2</td>
</tr>
<tr>
<td>Conveyor(s), Stacker(s)</td>
<td>1,400 tons per hour</td>
<td>7</td>
</tr>
<tr>
<td>Screen(s)</td>
<td>200 tons per hour</td>
<td>1</td>
</tr>
<tr>
<td>Storage Pile(s)</td>
<td>600 tons per hour</td>
<td>3</td>
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</table>

2. Generic Plant Equipment Identification Requirement
A. County Line Stone, LLC shall submit the following information to the Air Pollution Control Program’s Compliance/Enforcement Section and the Southwest Regional Office within 15 days of actual startup.
   1) A master list of all equipment that will be permitted for use with the generic plant. This master list shall include at minimum the following information for each piece of equipment:
      a) Manufacturer’s name
      b) Model number
      c) Serial number
      d) Actual MHDR
      e) Date of manufacture
      f) Any other additional information that is necessary to uniquely identify the equipment
   2) A list of the core equipment that will always be utilized with the generic plant. The core equipment associated with the generic plant shall include at least one primary unit that controls the rate of the process flow (e.g., a primary crusher).
   3) A determination of the applicability of 40 CFR Part 60, Subpart OOO, “Standards of Performance for Nonmetallic Mineral Processing Plants” for each piece of equipment indicating whether each piece of equipment is
GENERAL SPECIAL CONDITIONS:
The permittee is authorized to construct and operate subject to the following special conditions:

subject to Subpart OOO and justification for this determination.

4) County Line Stone, LLC shall notify the Air Pollution Control Program’s Permitting Section and the Southwest Regional Office when new equipment is added to the master list and when core equipment is changed within 30 days of the change.

B. County Line Stone, LLC shall maintain a list of the specific equipment currently being utilized with the generic plant. Any arrangement of the generic plant’s equipment must be such that the core equipment is not bypassed in the process flow.

3. Equipment Identification Requirement
County Line Stone, LLC 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.

County Line Stone, LLC 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.

5. Ambient Air Impact Limitation
A. County Line Stone, 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. County Line Stone, LLC shall demonstrate compliance with special condition 5.A using Attachment A and Attachment B or other equivalent forms that have been approved by the Air Pollution Control Program, including electronic forms. County Line Stone, LLC shall account for the impacts from other sources of PM$_{10}$ as instructed in the attachments.

6. Annual Emission Limit
A. County Line Stone, LLC shall emit less than 40.0 tons of NOx in any 12-month period from the entire installation.

B. County Line Stone, LLC shall demonstrate compliance with Special Condition 6.A using Attachment C or another equivalent form that has been approved by the Air Pollution Control Program, including an electronic form.

7. Moisture Content Testing Requirement
A. County Line Stone, LLC shall verify that the moisture content of the processed rock is greater than or equal to 1.5 percent weight.
GENERAL 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 County Lint Stone, 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 7.A, another test may be performed within 15 days of the noncompliant test. If the results of that test also exceed the limit, County Line Stone, 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 Air Pollution Control Program Compliance Assistance section within ten days of the second noncompliant test. The wet spray devices shall be installed and operational within 40 days of the second noncompliant test.

8. Minimum Distance to Property Boundary Requirement
   The primary emission point (EP-9) shall be located at least 396 feet from the nearest property boundary.

9. Primary Equipment Requirement
   County Line Stone, LLC shall process all rock through the grizzly feeder (EP-2) and primary crusher (EP-9). Bypassing the grizzly feeder and primary crusher is prohibited.

10. Record Keeping Requirement
    County Line Stone, 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.

11. Reporting Requirement
    County Line Stone, LLC 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 (5) REVIEW
Project Number: 2012-10-010
Installation ID Number: 145-0054
Permit Number:

County Line Stone, LLC Complete: October 2, 2012
31757 Gum Road
Pierce City, MO 65723

Parent Company:
County Line Stone, LLC
601 West 14th Street
P.O. Box 542
Cassville, MO 65625

Newton County, S26 T26N R29W

PROJECT DESCRIPTION

County Line Stone is installing a new generic stationary limestone rock crushing plant (145-0054) in Pierce City, Missouri (Newton County) (S26, T26N, R29W). As stated above, the new rock crushing plant will be a generic plant with a maximum of one grizzly feeder, two crushers, one screen, and seven conveyors/stackers. The grizzly feeder has a maximum hourly design rate (MHDR) of 200 tons of rock fed per hour. The primary crusher has a MHDR of 200 ton of rock crushed per hour. The grizzly feeder feeds the primary crusher as well as drops out smaller rocks that bypass the primary crusher and goes to secondary crushing equipment. The grizzly feeder and primary crusher are considered the primary pieces of equipment and bypassing these pieces of equipment is prohibited. The maximum combined total MHDR of the crushers is 400 ton of rock crushed per hour. The maximum combined total MHDR of the screens is 200 tons of rock screened per hour. The maximum combined total MHDR of the conveyors is 1,400 tons of rock conveyed per hour. The rock crushing plant will be powered by one diesel generator and one diesel engine. The diesel generator is a 400 Horsepower Caterpillar CAT3406A Model year 1987 with a fuel usage rate of 17.4 gallons per hour. The diesel engine is a 450 Horsepower Cummins KT-450 Model year 1983 with a fuel usage rate of 24 gallons per hour.

Only as minimally required to meet NAAQS and continue to maintain the daily production level noted above, County Line Stone, LLC will conduct moisture content testing of the aggregate to verify that the moisture content is at least 1.5% by weight.

A basic operating permit will be necessary for the new generic stationary rock crushing plant (145-0054). Currently there are no other plants located at this site but this permit will allow concurrent operation with other same owner and separate owner plants with a reduction in stationary rock crushing production.
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.

The following permits have been issued to County Line Stone, LLC from the Air Pollution Control Program. This plant was permitted in 1999 but stopped operation in 2010. They are starting up operation with a different structure than was permitted in 0399-018 in 1999 therefore, a new permit is required.

Table 2: Permits

<table>
<thead>
<tr>
<th>Permit Number</th>
<th>Completed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0399-018</td>
<td>3/16/1999</td>
<td>New Quarry, Rock Crushing</td>
</tr>
</tbody>
</table>

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. The existing actual emissions were taken from the 2007 EIQ. 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. The conditioned potential emissions are based on a voluntary limit to avoid dispersion modeling requirements found in 10 CSR 10-6.060 Section (6). The potential emissions for particulate matter (PM) are greater than de minimis levels. Although PM potential emissions are at minor source levels modeling is not required for PM.

Table 3: Emissions Summary (tons per year)

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<thead>
<tr>
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<tbody>
<tr>
<td>PM</td>
<td>25.0</td>
<td>12.62</td>
<td>N/A</td>
<td>70.61</td>
<td>25.79</td>
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<tr>
<td>PM(_{10})</td>
<td>15.0</td>
<td>9.59</td>
<td>1.88</td>
<td>29.24</td>
<td>10.68</td>
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<tr>
<td>PM(_{2.5})</td>
<td>10.0</td>
<td>8.01</td>
<td>N/A</td>
<td>14.49</td>
<td>5.29</td>
</tr>
<tr>
<td>SO(_{X})</td>
<td>40.0</td>
<td>7.20</td>
<td>N/A</td>
<td>7.20</td>
<td>2.63</td>
</tr>
<tr>
<td>NO(_{X})</td>
<td>40.0</td>
<td>109.56</td>
<td>N/A</td>
<td>109.56</td>
<td>&lt;40.00</td>
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<td>VOC</td>
<td>40.0</td>
<td>8.94</td>
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<td>CO</td>
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<td>23.60</td>
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<tr>
<td>Total HAPs</td>
<td>25.0</td>
<td>0.10</td>
<td>N/A</td>
<td>0.10</td>
<td>0.04</td>
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</table>

N/A = Not Applicable; N/D = Not Determined
\(^{a}\)Includes site specific haul road and storage pile emissions
Table 4: Ambient Air Quality Impact Analysis

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>aNAAQS/RAL (µg/m³)</th>
<th>Averaging Time</th>
<th>bMaximum Modeled Impact (µg/m³)</th>
<th>Limited Impact (µg/m³)</th>
<th>Background (µg/m³)</th>
<th>cDaily Limit (tons/day)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM₁₀ (same)</td>
<td>150.0</td>
<td>24-hour</td>
<td>243.53</td>
<td>130.0</td>
<td>20.0</td>
<td>2,896.2</td>
</tr>
<tr>
<td>PM₁₀ (separate)</td>
<td>150.0</td>
<td>24-hour</td>
<td>N/A</td>
<td>89.8</td>
<td>60.2</td>
<td>2,000</td>
</tr>
</tbody>
</table>

aNational Ambient Air Quality Standards (NAAQS) and Risk Assessment Level (RAL)
bModeled impact at maximum capacity with controls
cIndirect limit based on compliance with NAAQS.
dSolitary operation or operation with other plants that are owned by County Line Stone, LLC
eOperation with other plants that are not owned by County Line Stone, LLC

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 at least 1.5 percent (%) by weight. Emissions from the diesel engines/generators were calculated using emission factors from AP-42 Section 3.3 “Gasoline and Diesel Industrial Engines,” October 1996. 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 PM₁₀ and a 40% control efficiency for PM₂.₅ are 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 4. 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 SCREEN3. 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. In cases where the plant is providing material for a highway project, the ambient impact is evaluated in accordance with a memorandum issued by the Air Pollution Control Program titled “Permitting Asphalt/Concrete Plants for Temporary Highway Projects,” dated April 10, 2000. This memorandum states that air quality should be analyzed at the nearest residence or location where the public could reasonably expected to be found instead of all ambient air. This practice generally allows for a less restrictive daily production level while protecting the public.

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 County Line Stone, LLC shall demonstrate compliance with the NAAQS.

- When no other plants are located, County Line Stone, LLC, which is referred to as solitary operation, must calculate the daily impact of its plant and limit the total impact below the NAAQS using Attachment A.

- When plants that are owned by County Line Stone, LLC, which are referred to as same owner plants, are located at the site, County Line Stone, LLC 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 County Line Stone, LLC, which are referred to as separate owner plants, are located at the site, County Line Stone, LLC must account for the impacts of these plants as a background concentration and add it to the total impact of all plants owned by County Line Stone, LLC that are operating at the site. This total is limited below the NAAQS. County Line Stone, LLC will limit the total impact of all plants they own and operate at the site to 89.8 µg/m³ when any plants they do not own are located at the site. County Line Stone, LLC is not permitted to operate with any plant that is not owned by County Line Stone, LLC that has a separate owner background greater than 40.2 µg/m³. During this scenario, County Line Stone, LLC 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 NOx are conditioned below de minimis levels. Potential emissions of PM are above de minimis level but below major source levels, however no modeling is required.

APPLICABLE REQUIREMENTS

County Line Stone, 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 equipment startup.
- 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
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.

________________________________   ________________________________
Janelle Lewis                           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 October 2, 2012, received October 2, 2012, designating County Line Stone, LLC as the owner and operator of the installation.

This sheet covers the period from ____________ to ____________ (Copy as needed)
(Month Day, Year)    (Month Day, Year)

<table>
<thead>
<tr>
<th>Date</th>
<th>County Line Stone, LLC 145-0054 Project #: 2012-10-010</th>
<th>Same Owner Plant Plant Name: Plant ID: Permit #:</th>
<th>Same Owner Plant Plant Name: Plant ID: Permit #:</th>
<th>Same Owner Plant Plant Name: Plant ID: Permit #:</th>
<th>Impact Factor (µg/m^3)</th>
<th>Daily Production (tons)</th>
<th>Impact1 (µg/m^3)</th>
<th>Impact2 (µg/m^3)</th>
<th>Impact2 (µg/m^3)</th>
<th>Total Impact3 (µg/m^3)</th>
<th>Background (µg/m^3)</th>
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1. Calculate the impact for 145-0054 by multiplying the daily production by the impact factor.
2. Input the impact for any plants owned by County Line Stone, LLC that are operating on the site.
3. Calculate the total impact by adding the applicable impacts and background. A total of 150 µg/m^3 or less is necessary for compliance.
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/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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</thead>
<tbody>
<tr>
<td>Example</td>
<td>2,000</td>
<td>0.0449</td>
<td>89.8</td>
<td>N/A</td>
<td>N/A</td>
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</table>

¹Calculate the impact for 145-0054 by multiplying the daily production by the impact factor.
²Input the impact for any plants owned by County Line Stone, LLC that are operating on the site.
³Calculate the total impact by adding the applicable impacts and backgrounds. A total of 150 µg/m³ or less is necessary for compliance.
This sheet covers the period from ____________________ to ____________________ (Copy as needed)  
(Month Day, Year)           (Month Day, Year)

<table>
<thead>
<tr>
<th>Month</th>
<th>Fuel Usage (gallons)</th>
<th>Emission Factor (lb/gallon)</th>
<th>Monthly Emissions(^1) (lbs)</th>
<th>Monthly Emissions(^2) (tons)</th>
<th>12-Month Total Emissions(^3) (tons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example</td>
<td>3,972</td>
<td>0.6042</td>
<td>2,400.0</td>
<td>1.2</td>
<td>14.46</td>
</tr>
</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 40.0 tons of NOx 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 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 emissions\(^1\) 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.

\(^1\)For 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.)
Mr. Mike Jereczek  
Quarry Superintendent  
County Line Stone, LLC  
601 West 14th Street  
P.O. Box 542  
Cassville, MO 65625  

RE: New Source Review Permit - Project Number: 2012-10-010

Dear Mr. Jereczek:

Enclosed with this letter is your permit to construct. Please study it carefully. 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 have any questions regarding this permit, please contact Janelle Lewis, 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:ljl

Enclosures

c: Southwest Regional Office  
PAMS File: 2012-10-010

Permit Number: