Ms. Kimberly Bauman  
Director, Environmental Affairs  
Mississippi Lime Company  
16147 U.S. Highway 61  
Ste. Genevieve, MO 63670

RE: New Source Review Temporary Permit Request - Project Number: 2019-06-010

Temporary Permit Number: 062019-003  
Expiration Date: August 1, 2019

Dear Ms. Bauman:

The Missouri Department of Natural Resources' Air Pollution Control Program has completed a review of your request for temporary barge loading at the Marina de Gabouri located at 1 Marina Dr., Ste. Genevieve, Missouri. The Air Pollution Control Program is hereby granting your request to conduct this temporary operation at this location in accordance with Missouri State Rule 10 CSR 10-6.060.

According to your request, barge loading of lime and limestone products at the previously permitted Little Rock Landing Terminal (ID 186-0026) has been affected by high river levels. Approximately 20,000 tons of material need to be loaded at the alternate site. This material shall be included towards the limit in Special Condition 1. Lime will be delivered to the site by semi-truck and pneumatically loaded onto barges. Emission units associated with the Marina de Gabouri location are provided in Table 1.

Table 1: Emission Units

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU-7</td>
<td>Receiving unpaved haul road</td>
</tr>
<tr>
<td>EU-10</td>
<td>Drop point – conveyor to barge</td>
</tr>
</tbody>
</table>

Potential emissions from the lime handling were calculated using emission factors obtained from EPA document AP-42, Compilation of Air Pollutant Emission Factors, Fifth Edition, Section 13.2.4, Aggregate Handling and Storage Piles, November 2006. Mean wind speed of 9.6 miles per hour for the closest site, St. Louis, MO, was obtained from the National Climatic Data Center, updated August 20, 2008. Lime was assumed 0.2% moisture, selected from Table 13.2.4-1. Lime handling emissions are uncontrolled.
Potential emissions from the unpaved haul road and storage pile vehicular activity were calculated using AP-42 Section 13.2.2 Unpaved Roads, November 2006. Haul road emissions are uncontrolled. Potential emissions of the project are summarized in Table 2. Only particulate matter emissions are expected. Potential emissions are based upon 40,000 tons of lime throughput, not the conveyor rating of 200 tons per hour. Conditioned potential emissions based upon the lime throughput are less than the respective de minimis level. Unconditioned potential emissions based upon the conveyor rating at 8,760 hours per year would exceed the respective de minimis level.

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>De Minimis Level</th>
<th>Conditioned Potential Emissions of the Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM</td>
<td>25.0</td>
<td>3.20</td>
</tr>
<tr>
<td>PM10</td>
<td>15.0</td>
<td>1.17</td>
</tr>
<tr>
<td>PM2.5</td>
<td>10.0</td>
<td>0.15</td>
</tr>
</tbody>
</table>

You are still obligated to meet all applicable air pollution control rules, Department of Natural Resources' rules, or any other applicable federal, state, or local agency regulations. Specifically, you should avoid violating 10 CSR 10-6.220, Restriction of Emission of Visible Air Contaminants and 10 CSR 10-6.170 Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin.

A copy of this letter should be kept at the installation and be made available to Department of Natural Resources' personnel upon verbal request. If you have any questions regarding this determination, please do not hesitate to contact Kendall Hale at the department's Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102 or by telephone at (573) 751-4817. Thank you for your time and attention to this matter.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

[Signature]
Darcy A. Bybee
Director

DAB:kh

c: PAMS File: 2019-06-010
Southeast Regional Office
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."

Mississippi Lime Company
Marina de Gabouri

1. Throughput Limitation
   A. Mississippi Lime Company's barge-loaded lime and limestone products (not to include the finest grades of lime) shall not exceed 40,000 tons by this permit's expiration date. Loading of other materials is prohibited.

   B. Any lime and limestone product barge-loaded under the discretion of the Air Pollution Control Program's Compliance/Enforcement Section before this permit's issuance date shall be included towards the limit in Special Condition 1.A.

   C. Mississippi Lime Company shall demonstrate compliance with Special Condition 1.A. by recording the total loaded amount once daily. Days of non-loading shall be indicated.

2. Record Keeping and Reporting Requirements
   A. Mississippi Lime Company shall maintain all records required by this permit for not less than five years and shall make them available immediately to any Missouri Department of Natural Resources' personnel upon request. These records shall include MSDS for all materials used.

   B. Mississippi Lime Company shall report to the Air Pollution Control Program's Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than 10 days after the end of the month during which any record required by this permit shows an exceedance of a limitation imposed by this permit.