Mr. Barry Horst
Executive Director
New Bourbon Port Authority
25292 New Bourbon Port Road
Ste. Genevieve, MO 63670

RE: New Source Review Temporary Permit Request – Project Number 2019-03-042

Installation ID Number: 186-0060
Temporary Permit Number: 032019-007
Expiration Date: May 25, 2019

Dear Mr. Kennedy:

The Missouri Department of Natural Resources' Air Pollution Control Program has completed a review of your request for temporary barge loading at the Port of New Bourbon located on New Bourbon Port Road near Ste. Genevieve. 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(3).

According to your request, barge loading of lime and limestone products at the previously permitted at other locations has been affected by high river levels. Approximately 32,000 tons of material need to be loaded at the alternate site. Lime will be delivered to the site by semi-truck and pneumatically loaded onto barges. Emission units associated with the Port of New Bourbon 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 was 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 32,000 tons of lime throughput. 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>6.96</td>
</tr>
<tr>
<td>PM$_{10}$</td>
<td>15.0</td>
<td>2.50</td>
</tr>
<tr>
<td>PM$_{2.5}$</td>
<td>10.0</td>
<td>0.32</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

Darcy A. Bybee
Director

DAB:khj

c: PAMS File:2019-03-042
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."

New Bourbon Port Authority
Ste. Genevieve County,

1. Throughput Limitation
   A. New Bourbon Port Authority’s barge-loaded lime and limestone products (not to include the finest grades of lime) shall not exceed 32,000 tons by this permit’s expiration date. Loading of other materials is prohibited.
   B. New Bourbon Port Authority 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. New Bourbon Port Authority 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.
   B. New Bourbon Port Authority 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.