Dear Mr. Bono:

On February 28, 2017, the Air Pollution Control Program received an amendment request to update Permit 012016-008 by adding an IROCK Model TC40 cone crusher (Serial #IR42MXC10015), a 274 hp Caterpillar Model C7.1 diesel engine, a Caterpillar Model C4.4 129 hp diesel engine, an IROCK MODEL TS522TD 3-deck 5' x 22' screen (Serial #IR07M523101) and several associated conveyors to the existing plant. The MHDR of the new equipment is 400 tons/hour. The haul road and storage pile emissions did not increase.

The following Table 1 is an updated list of all the equipment for PORT-0726:

<table>
<thead>
<tr>
<th>Equipment #</th>
<th>New or Existing Equipment</th>
<th>Description</th>
<th>MHDR</th>
</tr>
</thead>
<tbody>
<tr>
<td>EP-01</td>
<td>Existing</td>
<td>Engine 1 2015 Caterpillar Model C-13 ACERT (Nonroad)</td>
<td>520 hp</td>
</tr>
<tr>
<td>EP-02</td>
<td>Existing</td>
<td>Engine 2 2015 Caterpillar Model C4.4 (Nonroad)</td>
<td>140 hp</td>
</tr>
<tr>
<td>EP-03</td>
<td>Existing</td>
<td>Storage Piles</td>
<td>1 acre</td>
</tr>
<tr>
<td>EP-04</td>
<td>Existing</td>
<td>Grizzly Feeder</td>
<td>400 tph</td>
</tr>
<tr>
<td>EP-05</td>
<td>Existing</td>
<td>Primary Crusher</td>
<td>400 tph</td>
</tr>
<tr>
<td>EP-06</td>
<td>Existing</td>
<td>6 Conveyors (4 Screen Discharge Conveyors, 1 screen feed conveyor, 1 primary crusher discharge conveyor)</td>
<td>1,200 tph</td>
</tr>
<tr>
<td>EP-07</td>
<td>Existing</td>
<td>Screen</td>
<td>400 tph</td>
</tr>
<tr>
<td>EP-08</td>
<td>Existing</td>
<td>Loading Into Grizzly</td>
<td>400 tph</td>
</tr>
<tr>
<td>EP-09</td>
<td>Existing</td>
<td>Haul Roads</td>
<td>4,400 feet (total)</td>
</tr>
<tr>
<td>EP-10</td>
<td>New</td>
<td>Secondary Cone Crusher Feed Conveyor</td>
<td>400 tph</td>
</tr>
<tr>
<td>EP-11</td>
<td>New</td>
<td>Secondary Cone Crusher IROCK Model TC40</td>
<td>400 tph</td>
</tr>
<tr>
<td>EP-12</td>
<td>New</td>
<td>Secondary Cone Crusher Discharge Conveyor</td>
<td>400 tph</td>
</tr>
<tr>
<td>EP-13</td>
<td>New</td>
<td>Screen Feed Conveyor</td>
<td>400 tph</td>
</tr>
<tr>
<td>EP-14</td>
<td>New</td>
<td>Screen IROCK Model TS522TD</td>
<td>400 tph</td>
</tr>
<tr>
<td>EP-15</td>
<td>New</td>
<td>Screen Discharge Conveyors</td>
<td>400 tph</td>
</tr>
<tr>
<td>EP-16</td>
<td>New</td>
<td>Oversize Conveyor</td>
<td>400 tph</td>
</tr>
<tr>
<td>EP-17</td>
<td>New</td>
<td>Engine 3 2017 Caterpillar Model C7.1 (Nonroad)</td>
<td>274 hp</td>
</tr>
</tbody>
</table>
The entire facility’s potential to emit was recalculated at each site to include the new crusher, screen, and conveyors. In permit 012026-008 all engine emissions were included. The engines (EP-01, EP-02, EP17 and EP-18) that power the portable plant are nonroad engines. The portable plant is track mounted and the engines serve a dual purpose by propelling the portable plant and supplying power to the crusher, screen, and conveyors. Therefore they meet the definition of a nonroad engine as stated in 40 CFR 89.2 Nonroad Engine (1)(i) and emissions from the engines were not evaluated. 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 for PM\(_{10}\). The following tables summarize the emission for PORT-0726 at each site:

Table 2: Emissions Summary at Troy Quarry (tons per year)

<table>
<thead>
<tr>
<th>Air Pollutant</th>
<th>De Minimis Level</th>
<th>(^a)Potential Emissions of Process Equipment</th>
<th>Existing Actual Emissions</th>
<th>(^b)Potential Emissions of the Application</th>
<th>Conditioned Potential Emissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM</td>
<td>25.0</td>
<td>14.12</td>
<td>N/A</td>
<td>192.95</td>
<td>45.59</td>
</tr>
<tr>
<td>PM(_{10})</td>
<td>15.0</td>
<td>5.21</td>
<td>N/A</td>
<td>63.48</td>
<td>&lt;15.0</td>
</tr>
<tr>
<td>PM(_{2.5})</td>
<td>10.0</td>
<td>0.46</td>
<td>N/A</td>
<td>14.01</td>
<td>3.31</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>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

\(^a\)Potential Emissions of Process Equipment exclude haul road and storage pile emissions

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

Table 3: Emissions Summary at Foley Quarry (tons per year)

<table>
<thead>
<tr>
<th>Air Pollutant</th>
<th>De Minimis Level</th>
<th>(^a)Potential Emissions of Process Equipment</th>
<th>Existing Actual Emissions</th>
<th>(^b)Potential Emissions of the Application</th>
<th>Conditioned Potential Emissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM</td>
<td>25.0</td>
<td>14.12</td>
<td>N/A</td>
<td>84.87</td>
<td>40.31</td>
</tr>
<tr>
<td>PM(_{10})</td>
<td>15.0</td>
<td>5.21</td>
<td>N/A</td>
<td>31.58</td>
<td>&lt;15.0</td>
</tr>
<tr>
<td>PM(_{2.5})</td>
<td>10.0</td>
<td>0.46</td>
<td>N/A</td>
<td>5.72</td>
<td>2.72</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>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

\(^a\)Potential Emissions of Process Equipment exclude haul road and storage pile emissions

\(^b\)Includes site specific haul road and storage pile emissions
Table 4: Emissions Summary at Silex Quarry (tons per year)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PM</td>
<td>25.0</td>
<td>14.12</td>
<td>N/A</td>
<td>241.58</td>
<td>46.56</td>
</tr>
<tr>
<td>PM(_{10})</td>
<td>15.0</td>
<td>5.21</td>
<td>N/A</td>
<td>77.83</td>
<td>&lt; 15.0</td>
</tr>
<tr>
<td>PM(_{2.5})</td>
<td>10.0</td>
<td>0.46</td>
<td>N/A</td>
<td>17.74</td>
<td>3.42</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>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
\(^{a}\)Potential Emissions of Process Equipment exclude haul road and storage pile emissions
\(^{b}\)Includes site specific haul road and storage pile emissions

Table 5: Emissions Summary at Ashley Quarry (tons per year)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PM</td>
<td>25.0</td>
<td>14.12</td>
<td>N/A</td>
<td>295.62</td>
<td>47.28</td>
</tr>
<tr>
<td>PM(_{10})</td>
<td>15.0</td>
<td>5.21</td>
<td>N/A</td>
<td>93.78</td>
<td>&lt; 15.0</td>
</tr>
<tr>
<td>PM(_{2.5})</td>
<td>10.0</td>
<td>0.46</td>
<td>N/A</td>
<td>21.89</td>
<td>3.50</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>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
\(^{a}\)Potential Emissions of Process Equipment exclude haul road and storage pile emissions
\(^{b}\)Includes site specific haul road and storage pile emissions
Table 6: Emissions Summary at Frankford Quarry (tons per year)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PM</td>
<td>25.0</td>
<td>14.12</td>
<td>N/A</td>
<td>50.72</td>
<td>&lt; 15.0</td>
</tr>
<tr>
<td>PM(_10)</td>
<td>15.0</td>
<td>5.21</td>
<td>N/A</td>
<td>10.69</td>
<td>3.16</td>
</tr>
<tr>
<td>PM(_{2.5})</td>
<td>10.0</td>
<td>0.46</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</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>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

*Potential Emissions of Process Equipment exclude haul road and storage pile emissions

*Includes site specific haul road and storage pile emissions

Table 7: Emissions Summary at Shelbina Quarry (tons per year)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PM</td>
<td>25.0</td>
<td>14.12</td>
<td>N/A</td>
<td>112.43</td>
<td>42.47</td>
</tr>
<tr>
<td>PM(_10)</td>
<td>15.0</td>
<td>5.21</td>
<td>N/A</td>
<td>39.71</td>
<td>&lt; 15.0</td>
</tr>
<tr>
<td>PM(_{2.5})</td>
<td>10.0</td>
<td>0.46</td>
<td>N/A</td>
<td>7.83</td>
<td>2.96</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>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

*Potential Emissions of Process Equipment exclude haul road and storage pile emissions

*Includes site specific haul road and storage pile emissions
### Table 8: Emissions Summary at Lake Ozark/Prewitt Quarry (tons per year)

<table>
<thead>
<tr>
<th>Air Pollutant</th>
<th>De Minimis Level</th>
<th>¹Potential Emissions of Process Equipment</th>
<th>Existing Actual Emissions</th>
<th>²Potential Emissions of the Application</th>
<th>Conditioned Potential Emissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM</td>
<td>25.0</td>
<td>14.12</td>
<td>N/A</td>
<td>198.35</td>
<td>45.72</td>
</tr>
<tr>
<td>PM₁₀</td>
<td>15.0</td>
<td>5.21</td>
<td>N/A</td>
<td>65.07</td>
<td>&lt; 15.0</td>
</tr>
<tr>
<td>PM₂₅</td>
<td>10.0</td>
<td>0.46</td>
<td>N/A</td>
<td>14.42</td>
<td>3.33</td>
</tr>
<tr>
<td>SOₓ</td>
<td>40.0</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>NOₓ</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>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

¹Potential Emissions of Process Equipment exclude haul road and storage pile emissions

²Includes site specific haul road and storage pile emissions

### Table 9: Emissions Summary at Sunrise Beach Quarry (tons per year)

<table>
<thead>
<tr>
<th>Air Pollutant</th>
<th>De Minimis Level</th>
<th>¹Potential Emissions of Process Equipment</th>
<th>Existing Actual Emissions</th>
<th>²Potential Emissions of the Application</th>
<th>Conditioned Potential Emissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM</td>
<td>25.0</td>
<td>14.12</td>
<td>N/A</td>
<td>149.18</td>
<td>44.26</td>
</tr>
<tr>
<td>PM₁₀</td>
<td>15.0</td>
<td>5.21</td>
<td>N/A</td>
<td>50.56</td>
<td>&lt; 15.0</td>
</tr>
<tr>
<td>PM₂₅</td>
<td>10.0</td>
<td>0.46</td>
<td>N/A</td>
<td>10.65</td>
<td>3.16</td>
</tr>
<tr>
<td>SOₓ</td>
<td>40.0</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>NOₓ</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>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

¹Potential Emissions of Process Equipment exclude haul road and storage pile emissions

²Includes site specific haul road and storage pile emissions
### Table 10: Emissions Summary at Bowling Green Quarry (tons per year)

<table>
<thead>
<tr>
<th>Air Pollutant</th>
<th>De Minimis Level</th>
<th>^aPotential Emissions of Process Equipment</th>
<th>Existing Actual Emissions</th>
<th>^bPotential Emissions of the Application</th>
<th>Conditioned Potential Emissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM</td>
<td>25.0</td>
<td>14.12</td>
<td>N/A</td>
<td>84.87</td>
<td>40.31</td>
</tr>
<tr>
<td>PM₁₀</td>
<td>15.0</td>
<td>5.21</td>
<td>N/A</td>
<td>31.58</td>
<td>&lt; 15.0</td>
</tr>
<tr>
<td>PM₂₅</td>
<td>10.0</td>
<td>0.46</td>
<td>N/A</td>
<td>5.72</td>
<td>2.72</td>
</tr>
<tr>
<td>SOₓ</td>
<td>40.0</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>NOₓ</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>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

^aPotential Emissions of Process Equipment exclude haul road and storage pile emissions

^bIncludes site specific haul road and storage pile emissions

### Table 11: Emissions Summary at Lake Ozark Quarry (tons per year)

<table>
<thead>
<tr>
<th>Air Pollutant</th>
<th>De Minimis Level</th>
<th>^aPotential Emissions of Process Equipment</th>
<th>Existing Actual Emissions</th>
<th>^bPotential Emissions of the Application</th>
<th>Conditioned Potential Emissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM</td>
<td>25.0</td>
<td>14.12</td>
<td>N/A</td>
<td>128.10</td>
<td>43.34</td>
</tr>
<tr>
<td>PM₁₀</td>
<td>15.0</td>
<td>5.21</td>
<td>N/A</td>
<td>44.34</td>
<td>&lt; 15.0</td>
</tr>
<tr>
<td>PM₂₅</td>
<td>10.0</td>
<td>0.46</td>
<td>N/A</td>
<td>9.03</td>
<td>3.06</td>
</tr>
<tr>
<td>SOₓ</td>
<td>40.0</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>NOₓ</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>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

^aPotential Emissions of Process Equipment exclude haul road and storage pile emissions

^bIncludes site specific haul road and storage pile emissions
Mr. Harold Bono
Page Seven

The ambient impact from Permit #012016-008 is being converted to daily production limits. This change reflects the Air Pollution Control Program’s updated construction industry policy “Ceasing the Use of Nomographs” dated May 1, 2016.

Magruder Limestone Co., Inc. PORT-0726 is permitted to operate with other plants located at the site as long as the following scenarios are maintained. These scenarios are also summarized in the table below.

- When operating by itself, referred to as solitary operation, Magruder Limestone Co., Inc. PORT-0726 may produce up to 9,220 tons per day.
- When operating with another plant, referred to as concurrent operation, Magruder Limestone Co., Inc. PORT-0726 is limited to produce up to 5,674 tons per day.

<table>
<thead>
<tr>
<th>Type of Operation</th>
<th>Daily Production Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>a Solitary</td>
<td>9,220</td>
</tr>
<tr>
<td>b Concurrent</td>
<td>5,674</td>
</tr>
</tbody>
</table>

| a Operation without other plants |
| b Operation with other plants    |

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, United States Post Office Building, 131 West High Street, Third Floor, 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 amendment, please do not hesitate to contact Chad Stephenson, 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

Kendall B. Hale
Permits Section Chief

KBH:csj

Enclosures

c: St. Louis Regional Office
PAMS File: 2017-02-070
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.”

PORT ID Number: PORT-0726

Site ID Number: 113-0031
Site Name: Troy Quarry
Site Address: 255 Watson Road, Troy, MO 63379
Site County: Lincoln County, S2, T50N, R1W

Site ID Number: 113-0075
Site Name: Foley Quarry
Site Address: 399 Old Highway 79, Foley, MO 63347
Site County: Lincoln County, S2 T50N R2E

Site ID Number: 113-0060
Site Name: Silex Quarry
Site Address: 330 Highway E, Silex, MO 63377
Site County: Lincoln County, S2 & 11 T50N R1W

Site ID Number: 163-0022
Site Name: Ashley Quarry
Site Address: 13614 Pike 496, Bowling Green, MO 63334
Site County: Pike County, S27 & 28 T52N R3W

Site ID Number: 163-0005
Site Name: Frankford Quarry
Site Address: 6589 Old Highway 61, Frankford, MO 63441
Site County: Pike County, S35 & 36 T55N R4W

Site ID Number: 205-0029
Site Name: Shelbina Quarry
Site Address: 5799 Shelby 334, Shelbyville, MO 63469
Site County: Shelby County, S9 T57N R10W
SITE SPECIFIC SPECIAL CONDITIONS:
The permittee is authorized to construct and operate subject to the following special conditions:

Site ID Number: 131-0045
Site Name: Lake Ozark/Prewitt Quarry
Site Address: Jct. Hwy 54 & Hwy 242 Lake Ozark, MO 65049
Site County: Miller County, S32 T40N R15W

Site ID Number: 029-0050
Site Name: Sunrise Quarry
Site Address: 12729 North State Highway 5, Sunrise Beach, MO 65079
Site County: Camden County, S9 T39N R17W

Site ID Number: 163-0043
Site Name: Bowling Green Quarry
Site Address: 11190 Highway 54, Bowling Green, MO 63334
Site County: Pike County, S20 T53N R3W

Site ID Number: 131-0038
Site Name: Lake Ozark Quarry
Site Address: 120 Wood River Road, Lake Ozark, MO 65049
Site County: Miller S33 T40N R15W

1. Superseding Condition
   The conditions of this permit supersede all Site Specific Special Conditions found in the previously issued construction permit, Permit Number 012016-008 issued by the Air Pollution Control Program.

2. Daily Production Limit For Rock-Crushing Plant
   A. Magruder Limestone Co., Inc. PORT-0726's rock-crushing plant shall limit its daily production based on Table 1 using Attachment A, or another equivalent form, that has been approved by the Air Pollution Control Program, including electronic forms.

Table 12: Summary of Daily Production Limits

<table>
<thead>
<tr>
<th>Type of Operation</th>
<th>Daily Production Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>a Solitary</td>
<td>9,220</td>
</tr>
<tr>
<td>b Concurrent</td>
<td>5,674</td>
</tr>
</tbody>
</table>

a Operation without other plants  
b Operation with other plants
SITE SPECIFIC SPECIAL CONDITIONS:
The permittee is authorized to construct and operate subject to the following special conditions:

3. Annual Emission Limit
   A. Magruder Limestone Co., Inc. PORT-0726 shall emit less than 15.0 tons of PM\textsubscript{10} in any 12-month period from this portable plant at each of the following sites: Troy, Silex, Ashley, Frankford, Lake Ozark/Prewitt and Sunrise Beach Quarry, Bowling Green, Shelbina, Foley.
   B. Magruder Limestone Co., Inc. PORT-0726 shall demonstrate compliance with Special Condition 3.A using a separate Attachment B, or another equivalent form that has been approved by the Air Pollution Control Program, including an electronic form, for each site. Magruder Limestone Co., Inc. PORT-0726 shall use the PM\textsubscript{10} emission factor for the corresponding site as listed in the table below.

<table>
<thead>
<tr>
<th>Site Name</th>
<th>PM\textsubscript{10} emission factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Troy Quarry</td>
<td>0.0362 lb/ton</td>
</tr>
<tr>
<td>Silex Quarry</td>
<td>0.0444 lb/ton</td>
</tr>
<tr>
<td>Ashley Quarry</td>
<td>0.0535 lb/ton</td>
</tr>
<tr>
<td>Frankford Quarry</td>
<td>0.0289 lb/ton</td>
</tr>
<tr>
<td>Lake Ozark/Prewitt Quarry</td>
<td>0.0371 lb/ton</td>
</tr>
<tr>
<td>Sunrise Beach Quarry</td>
<td>0.0289 lb/ton</td>
</tr>
<tr>
<td>Bowling Green</td>
<td>0.0180 lb/ton</td>
</tr>
<tr>
<td>Shelbina</td>
<td>0.0227 lb/ton</td>
</tr>
<tr>
<td>Foley Quarry</td>
<td>0.0180 lb/ton</td>
</tr>
<tr>
<td>Lake Ozark</td>
<td>0.0253 lb/ton</td>
</tr>
</tbody>
</table>

4. Moisture Content Testing Requirement
   A. Magruder Limestone Co., Inc. PORT-0726 shall verify that the moisture content of the processed rock at each site listed in this permit is greater than or equal to 1.5 percent 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.
SITE SPECIFIC SPECIAL CONDITIONS:
The permittee is authorized to construct and operate subject to the following special conditions:

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 Magruder Limestone Co., Inc. PORT-0726 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 4.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 4.A, Magruder Limestone Co., Inc. PORT-0726 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.

G. In lieu of testing, Magruder Limestone Co., Inc. PORT-0726 may obtain test results that demonstrate compliance with the moisture content in Special Condition 4.A from the supplier of the aggregate.

5. Minimum Distance to Property Boundary Requirement
   The primary crusher (EP-5) shall be located at least 500 feet from the nearest property boundary at each site listed in this permit.

6. Primary Equipment Requirement
   Magruder Limestone Co., Inc. PORT-0726 shall process all rock processed by PORT-0726 through the primary crusher (EP-5). Bypassing the primary crusher is prohibited.

7. Concurrent Operation Requirement
   Magruder Limestone Co., Inc. PORT-0726 cannot operate with any other plants that have ambient impact limits based on the Air Pollution Control Program’s nomographs. When other plants locate to the site, please refer to the special conditions of that plant's permit.
SITE SPECIFIC SPECIAL CONDITIONS:

The permittee is authorized to construct and operate subject to the following special conditions:

8. Record Keeping Requirement
   Magruder Limestone Co., Inc. PORT-0726 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
   Magruder Limestone Co., Inc. PORT-0726 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.
This sheet covers the period from _______ to _______.

<table>
<thead>
<tr>
<th>Date</th>
<th>Type of Production</th>
<th>Daily Production Allowed</th>
<th>Actual Daily Production</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example</td>
<td>Solitary</td>
<td>9,220</td>
<td></td>
</tr>
<tr>
<td>Example</td>
<td>Concurrent</td>
<td>5,674</td>
<td></td>
</tr>
</tbody>
</table>

State the type of operation (solitary, concurrent).

1. "Solitary operation" is when the Magruder Limestone Co., Inc. PORT-0726 operates by itself.
2. "Concurrent" is when Magruder Limestone Co., Inc. PORT-0726 operates with other plants.
3. List the actual amount of production for Mansfield Lime & Stone Quarry for the date stated. A daily production less than the Daily Production Allowed indicates compliance.
Attachment B: PM$_{10}$ Annual Emissions Tracking Sheet
Project Number: 2017-02-070
Permit Number: 012016-008A

Magruder Limestone Co., Inc. PORT-0726
Site Name:
Site Address:
Site County:

This sheet covers the period from ________ to ________ (Month, Day Year) (Month, Day Year)

<table>
<thead>
<tr>
<th>Month</th>
<th>Production (tons)</th>
<th>Emission Factor (lb/ton)</th>
<th>Monthly Emissions$^2$ (lbs)</th>
<th>Monthly Emissions$^3$ (tons)</th>
<th>12-Month Total Emissions$^4$ (tons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example</td>
<td>25,000</td>
<td>0.0535</td>
<td>1,337.5</td>
<td>0.67</td>
<td>8.03</td>
</tr>
</tbody>
</table>

1. Insert the corresponding emission factor for the site, per Table 1.
2. Multiply the monthly production by the emission factor.
4. 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 at this site is necessary for compliance.