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: 082008-006  Project Number: 2008-06-020

Parent Company: OMG Midwest, Inc. dba American Concrete Products

Parent Company Address: P.O. Box 3349, Des Moines, IA 50316

Installation Name: American Concrete Products Portable Plant 2

Installation Address: Hwy B and US 59, Farmer's City, MO 64498

Location Information: Atchison County, S11, T66N, R40W

Application for Authority to Construct was made for: The installation of a new 300-ton-per-hour portable concrete batch plant. This review was conducted in accordance with Section (5), 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.

AUG 12 2008

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 devises shall be operated and maintained as specified in the application, associated plans and specifications.

You must notify the departments’ Air Pollution Control Program of the anticipated date of start up of this (these) air contaminant source(s). The information must be made available not more than 60 days but at least 30 days in advance of this date. 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); by the Missouri Rules listed in Title 10, Division 10 of the Codes of State Regulations (specifically 10 CSR 10-6.060); by 10 CSR 10-6.060 paragraph (12)(A)10. “Conditions required by permitting authority”; by 10 CSR 10-6.010 “Ambient Air Quality Standards” and 10 CSR 10-6.060 subsections (5)(D) and (6)(A); and by control measures requested by the applicant, in their permit application, to reduce the amount of air pollutants being emitted, in accordance with 10 CSR 10-6.060 paragraph (6)(E)3.

1. Portable Equipment Identification Requirement
   To assure that each component is properly identified as being a part of this portable concrete plant, American Concrete Products Portable Plant 2 (PORT-0615) shall provide and maintain suitable, 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. These identification numbers must be submitted to the Air Pollution Control Program no later than 15 days after start-up of the portable concrete plant.

2. Relocation of Portable Concrete Plant
   A. The portable concrete plant shall not be operated at any site location longer than 24 consecutive months without an intervening relocation.
   B. A complete “Portable Source Relocation Request” application must be submitted to the Air Pollution Control Program prior to any relocation of this portable concrete plant.
   C. If the portable concrete plant is moving to a site previously permitted, and if there are no other new plants at the site, then the application must be received by the Air Pollution Control Program at least seven (7) days prior to the relocation.
   D. If the portable concrete plant is moving to a new site, or if there are other plants or equipment at the site that have not been evaluated for concurrent operation, then the application must be received by the Air Pollution Control Program at least twenty-one (21) days prior to the relocation. The application must include written notification of any concurrently operating plants.

3. Record Keeping Requirement
   American Concrete Products Portable Plant 2 shall maintain all records required by this permit for not less than five (5) years and shall make them available to any Missouri Department of Natural Resources’ personnel upon request.
SITE-SPECIFIC SPECIAL CONDITIONS:
The permittee is authorized to construct and operate subject to the following special conditions:

Site ID No.: 005-0017
Site Name: Wind Tower Project
Site Address: Hwy B and US 59, Farmer's City, MO 64498
Site County: Atchison County, S11, T66N, R40W

1. Best Management Practices
American Concrete Products Portable Plant 2 shall control fugitive emissions from all of the haul roads and stockpiles at this site by performing Best Management Practices, which include the usage of paving, chemical dust suppressants, or documented watering. These practices are defined in Attachment AA.

2. National Ambient Air Quality Standards (NAAQS) Limitation for Particulate Matter Less Than Ten Microns in Diameter (PM$_{10}$)
   A. American Concrete Products Portable Plant 2 shall ensure, while operating at this site, that the ambient impact of PM$_{10}$ at or beyond the nearest property boundary does not exceed 150 µg/m$^3$ in any 24-hour period, in accordance with the Federal NAAQS requirements (40 CFR 50.6).
   B. To demonstrate compliance, American Concrete Products Portable Plant 2 shall maintain a daily record of material processed. Attachment A, Daily Ambient PM$_{10}$ Impact Tracking Record, or other equivalent form(s), will be used for this purpose.

3. Moisture Content Testing of Storage Piles Requirement
   A. American Concrete Products Portable Plant 2 shall verify that the moisture content of the stored rock is greater than or equal to 2.5 wt.% through testing.
   B. Testing shall be conducted according to approved methods, such as those prescribed by the American Society for Testing Materials (ASTM D-2216 or C-566), EPA AP-42 Appendix C.2, or other method(s) approved by the Director. The initial test shall be conducted with 45 days of startup. Tests shall be conducted once annually between the months of April and September.
   C. American Concrete Products Portable Plant 2 may obtain a copy of the test results of the inherent moisture content from the supplier(s) of the aggregate. Otherwise, American Concrete Products Portable Plant 2 shall obtain test samples from each shipment of untested aggregate. The written analytical report shall include the raw data and moisture content (wt.%) of each sample, the test date, and the original signature of the individual performing the test. Within 30 days of completion of the required tests, the report shall be filed on-site or at the American Concrete Products Portable Plant 2 main office.

4. Baghouse(s) Control System Requirements
   A. American Concrete Products Portable Plant 2 shall install and operate baghouse(s) to restrict the emission of particulate matter. The baghouse(s) must be used whenever these units are in operation. The baghouse(s) shall be installed on the following units:
      i. Mixer Loading (EP06)
      ii. Cement Unloading (EP03)
      iii. Weigh Hopper (EP05)
   B. American Concrete Products Portable Plant 2 shall install instruments to monitor the operating pressure drop across the baghouse. All instruments and control equipment shall be calibrated, maintained and operated according to the manufacturer’s preventive maintenance recommendations. American Concrete Products Portable Plant 2 shall check and record the pressure drop across the baghouse filter once per operating day during silo loading. The operating pressure drop shall be maintained within the design conditions specified by the manufacturer’s performance warranty.
   C. American Concrete Products Portable Plant 2 shall conduct and document a quarterly inspection and maintenance of the baghouse for structural component failures, for leaks and wear, and for the cleaning sequence of the baghouse. Replacement bags shall be kept on hand at all times to replace defective bags. The bags shall be made of fibers appropriate for the operating conditions expected to occur. All inspections, corrective actions, and instrument calibrations shall be recorded.
SITE-SPECIFIC SPECIAL CONDITIONS:
The permittee is authorized to construct and operate subject to the following special conditions:

5. Prohibition Against Concurrent Operations Without Further Air Pollution Control Program Review
   American Concrete Products Portable Plant 2 is prohibited from operating whenever any other plants are located at this site.

6. Restriction on Minimum Distance to Nearest Property Boundary
   The primary emission point of the portable concrete plant, which is the mixer loading (EP06), shall be located at least 150 feet from the nearest property boundary whenever the plant is operating.

7. Record Keeping Requirement
   American Concrete Products Portable Plant 2 shall maintain all records required by this permit for not less than five (5) years and shall make them available to any Missouri Department of Natural Resources' personnel upon request.

8. Reporting Requirement
   American Concrete Products Portable Plant 2 shall report to the Air Pollution Control Program Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after any exceedances of the limitations imposed by this permit.
TECHNICAL REVIEW OF APPLICATION FOR AUTHORITY TO CONSTRUCT

PROJECT DESCRIPTION

American Concrete Products has applied to locate their portable concrete batch plant to a site in Atchison County. The plant will be used to provide concrete for a wind power project. This portable plant is an existing plant but has not operated in Missouri. The plants weigh hopper and cement silo are controlled with a bag houses and the truck mix loading is shrouded and vented to a baghouse. The emission points are listed in the attached spreadsheet summary. This installation is not on the List of Named Installations [10 CSR 10-6.020(3)(B), Table 2]. The installation is located in Atchison County, an attainment area for all criteria air pollutants.

EMISSIONS EVALUATION

Criteria air pollutants will be emitted from this operation. The main air pollutant of concern is PM$_{10}$. The potential emissions were calculated from the maximum hourly design rate (MHDR) of the equipment, appropriate emission factors, control device efficiencies, and the limiting operating hours at MHDR. The sources of the emission factors and control efficiencies are listed in the section "Permit Documents". Based on the conditioned potential emissions, the operation is considered a *de minimis* source under 10 CSR 10-6.060 section (5).

<table>
<thead>
<tr>
<th>Air Pollutant</th>
<th>Regulatory De Minimis Levels</th>
<th>Existing Potential Emissions</th>
<th>Existing Actual Emissions</th>
<th>Potential Emissions of the Application</th>
<th>*New Installation Conditioned Potential</th>
<th>Emission Factor (lb/ton)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM$_{10}$</td>
<td>15.0</td>
<td>N/A</td>
<td>N/A</td>
<td>21.3</td>
<td>6.4</td>
<td>N/A</td>
</tr>
<tr>
<td>SO$_x$</td>
<td>40.0</td>
<td>N/A</td>
<td>N/A</td>
<td>2.26</td>
<td>0.68</td>
<td>N/A</td>
</tr>
<tr>
<td>NO$_x$</td>
<td>40.0</td>
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<td>N/A</td>
<td>34.40</td>
<td>10.28</td>
<td>N/A</td>
</tr>
<tr>
<td>VOC</td>
<td>40.0</td>
<td>N/A</td>
<td>N/A</td>
<td>2.81</td>
<td>0.84</td>
<td>N/A</td>
</tr>
<tr>
<td>CO</td>
<td>100.0</td>
<td>N/A</td>
<td>N/A</td>
<td>7.41</td>
<td>2.21</td>
<td>N/A</td>
</tr>
<tr>
<td>HAPs</td>
<td>10.0/25.0</td>
<td>N/A</td>
<td>N/A</td>
<td>0.03</td>
<td>0.01</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Note: N/A = Not Applicable; N/D = Not Determined
*Conditioned potential based on daily production limit from ambient impact analysis.

AMBIENT AIR QUALITY IMPACT ANALYSIS

The Air Pollution Control Program's nomographs and EPA’s Screen3 were used to evaluate the ambient air impact PM$_{10}$ emissions from this installation. Screen3 was used to evaluate the impact from the diesel engine. The stack parameters used to model this emission unit are included in table 2. All other emission units were modeled with the nomographs. The ambient impact was evaluated at the nearest property boundary, which is 150 feet from the plant. The analysis showed that the National Ambient Air Quality Standards (NAAQS) for PM$_{10}$ would be exceeded if the plant operates at maximum capacity for 24 hours, so the plant’s daily production was limited to comply with the NAAQS. Table 3 lists the NAAQS and the daily production limit.

Table 2: Diesel Engine Stack Parameters

<table>
<thead>
<tr>
<th>Stack Height (ft)</th>
<th>Stack Inside Diameter (ft)</th>
<th>Stack Gas Flow Rate (ACFM)</th>
<th>Stack Gas Exit Temperature (°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.5</td>
<td>0.4167</td>
<td>1860</td>
<td>885</td>
</tr>
</tbody>
</table>

For sources agreeing to use Best Management Practices (BMPs), as defined in Attachment AA, haul roads and stockpiles are not modeled with screening tools. Instead, they are addressed as a background level of 20 µg/m$^3$ of PM$_{10}$. To ensure conformity with NAAQS, the remaining process emissions are limited to an impact of less than 130 µg/m$^3$ of PM$_{10}$ at or beyond the nearest property boundary.

Table 3: Ambient Air Quality Impact Analysis of PM$_{10}$, 24-Hour Averaging Time

<table>
<thead>
<tr>
<th>Operation</th>
<th>Ambient Impact Factor (µg/m$^3$ton)</th>
<th>Modeled Impact (µg/m$^3$)</th>
<th>*Background (µg/m$^3$)</th>
<th>NAAQS (µg/m$^3$)</th>
<th>Daily Production Limit (tons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solitary</td>
<td>0.0390</td>
<td>129.90</td>
<td>20.00</td>
<td>150.00</td>
<td>3,330</td>
</tr>
</tbody>
</table>

* Background PM10 level of 20.00 µg/m3 from haul roads and stockpiles.
APPLICABLE REQUIREMENTS
The owner is subject to compliance with the following applicable requirements. The Missouri Air Conservation Laws and Regulations should be consulted for specific record keeping, monitoring, and reporting requirements.
- Submission of Emission Data, Emission Fees and Process Information, 10 CSR 10-6.110
- 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 10-3.090
- Restriction of Emission of Particulate Matter From Industrial Processes, 10 CSR 10-6.400
- Restriction of Emission of Sulfur Compounds, 10 CSR 10-6.260
- None of the New Source Performance Standards (NSPS) apply to the proposed equipment.
- The National Emission Standards for Hazardous Air Pollutants (NESHAPs) and the currently promulgated Maximum Achievable Control Technology (MACT) regulations do not apply to the proposed equipment.

STAFF RECOMMENDATION
On the basis of this review conducted in accordance with Section (5), Missouri State Rule 10 CSR 10-6.060, Construction Permits Required, I recommend this permit be granted with special conditions.

Michael Mittermeyer
Environmental Engineer

PERMIT DOCUMENTS
The following documents are incorporated by reference into this permit:
- The Application for Authority to Construct form, designating OMG Midwest, Inc. dba American Concrete Products as the owner and operator of the installation.
- Environmental Protection Agency (EPA) AP-42, Compilation of Air Pollutant Emission Factors; Volume I, Stationary Point and Area Sources, Fifth Edition.
- Spreadsheet calculations of potential-to-emit and ambient impact.
- Kansas City Regional Office Site Survey.
## Attachment A: Daily Ambient PM$_{10}$ Impact Tracking Record

**American Concrete Products Portable Plant 2, PORT-0615 – Portable Concrete Plant**

- **Project Number:** 2008-06-020
- **County, CSTR:** Atchison County (S11, T66N, R40W)
- **Primary Unit Size:** 300 tph
- **Distance to Nearest Property Boundary:** 150 feet

This sheet covers the period from __________ to __________ (Month, Day, Year)  
*(Copy this sheet as needed.)*

<table>
<thead>
<tr>
<th>Date</th>
<th>American Concrete Products Portable Plant 2 PORT-0615 Project # 2008-06-020</th>
<th>Plant Name: Plant ID: Permit #:</th>
<th>Plant Name: Plant ID: Permit #:</th>
<th>Plant Name: Plant ID: Permit #:</th>
<th>*Background PM$_{10}$ Level (µg/m$^3$)</th>
<th>*TOTAL PM$_{10}$ Level (µg/m$^3$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example</td>
<td>638</td>
<td>0.0390</td>
<td>38.53</td>
<td>N/A</td>
<td>N/A</td>
<td>20.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.0390</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>20.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.0390</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>20.00</td>
</tr>
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<td></td>
<td></td>
<td>0.0390</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<td></td>
<td></td>
<td>0.0390</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<td></td>
<td></td>
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<td>N/A</td>
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<td></td>
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<td>0.0390</td>
<td>N/A</td>
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<td></td>
<td>0.0390</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<td></td>
<td></td>
<td>0.0390</td>
<td>N/A</td>
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<td>0.0390</td>
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<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>20.00</td>
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<td>N/A</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>0.0390</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>20.00</td>
</tr>
</tbody>
</table>

**Note 1:** The Daily PM$_{10}$ Impact (µg/m$^3$) for each plant is calculated by multiplying the Daily Production (tons) by the matching Ambient Impact Factor.

**Note 2:** Background PM$_{10}$ Level (µg/m$^3$) is from Haul Roads and Stockpiles.

**Note 3:** The TOTAL PM$_{10}$ Level (µg/m$^3$) is calculated by summing the Daily PM$_{10}$ Ambient Impact(s) and the Background PM$_{10}$ Level. A TOTAL PM$_{10}$ Level of less than 150 µg/m$^3$ in any 24-hour period indicates compliance.
Attachment AA: Best Management Practices (BMPs)- Construction Industry
Fugitive Emissions

Construction Industry Sites covered by the Interim Relief Policy shall maintain Best Management Control Practices (BMPs) for fugitive emission areas at their installations when in operation. Options for BMPs are at least one of the following:

For Haul Roads:
1. Paving of Road Surfaces –
   A. The operator(s) may pave all or any portion of the haul roads with materials such as asphalt, concrete, and/or other material(s) after receiving approval from the program. The pavement will be applied in accordance with industry standards for such pavement so as to achieve "Control of Fugitive Emissions" while the plant is operating.
   B. Maintenance and/or 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(s) shall periodically water, wash and/or otherwise clean all of the paved portions of the haul road(s) as necessary to achieve control of fugitive emissions from these areas while the plant is operating.

2. Usage of Chemical Dust Suppressants –
   A. The operator(s) shall apply a chemical dust suppressant (such as magnesium chloride, calcium chloride, lignosulfonates, etc.) to all the unpaved portions of the haul roads. The suppressant will be applied in accordance with the manufacturer’s suggested application rate (if available) and re-applied as necessary to achieve control of fugitive emissions from these areas while the plant is operating.
   B. The quantities of the chemical dust suppressant shall be applied, re-applied and/or maintained sufficient to achieve control of fugitive emissions from these areas while the plant is operating.
   C. The operator(s) 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(s) shall keep these records with the plant for not less than five (5) years, and the operator(s) shall make these records available to Department of Natural Resources personnel upon request.

3. Usage of Documented Watering –
   A. The operator(s) shall control the fugitive emissions from all the unpaved portions of the haul roads at the installation by consistently and correctly using the application of a water spray. Documented watering will be applied in accordance with a recommended application rate of 100 gallons per day per 1,000 square feet of unpaved/untreated surface area of haul roads as necessary to achieve control of fugitive emissions from these areas while the plant is operating. For example, the operator(s) shall calculate the total square feet of unpaved vehicle activity area requiring control on any particular day, divide that product by 1,000, and multiply the quotient by 100 gallons for that day.
   B. The operator(s) shall maintain a log that documents daily water applications. This log shall include, but is not limited to, date and volumes (e.g., number of tanker applications and/or total gallons used) of water application. The log shall also record rationale for not applying water on day(s) the plant is in operation (e.g., meteorological situations, precipitation events, freezing, etc.)
   C. Meteorological precipitation of any kind, (e.g. a quarter inch or more rainfall, sleet, snow, and/or freeze thaw conditions) which is sufficient in the amount or condition to achieve control of fugitive emissions from these areas while the plant is operating.
   D. 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. The operator(s) shall record a brief description of such events in the same log as the documented watering.
   E. The operator(s) shall record the date and the amount of water applied for each application on the above areas. The operator(s) shall keep these records with the plant for not less than five (5) years, and the operator(s) shall make these records available to Department of Natural Resources personnel upon request.

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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.)
For Vehicle Activity Areas around Open Storage Piles:

1. Pavement of Stockpile Vehicle Activity Surfaces –
   A. The operator(s) may pave all or any portion of the vehicle activity areas around the storage piles with materials such as asphalt, concrete, and/or other material(s) after receiving approval from the program. The pavement will be applied in accordance with industry standards for such pavement so as to achieve control of fugitive emissions while the plant is operating.
   B. Maintenance and/or 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(s) shall periodically water, wash and/or otherwise clean all of the paved portions of the vehicle activity areas around the storage piles as necessary to achieve control of fugitive emissions from these areas while the plant is operating.

2. Usage of Chemical Dust Suppressants –
   A. The operator(s) shall apply a chemical dust suppressant (such as magnesium chloride, calcium chloride, lignosulfonates, etc.) to all the vehicle activity areas around the open storage piles. The suppressant will be applied in accordance with the manufacturer’s suggested application rate (if available) and re-applied as necessary to achieve control of fugitive emissions from these areas while the plant is operating.
   B. The quantities of the chemical dust suppressant shall be applied, re-applied and/or maintained sufficient to achieve control of fugitive emissions from these areas while the plant is operating.
   C. The operator(s) 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(s) shall keep these records with the plant for not less than five (5) years, and the operator(s) shall make these records available to Department of Natural Resources personnel upon request.

3. Usage of Documented Watering –
   A. The operator(s) shall control the fugitive emissions from all the vehicle activity areas around the storage piles at the installation by consistently and correctly using the application of a water spray. Documented watering will be applied in accordance with a recommended application rate of 100 gallons per day per 1,000 square feet of unpaved/untreated surface area of vehicle activity areas around the storage piles as necessary to achieve control of fugitive emissions from these areas while the plant is operating. (Refer to example for documented watering of haul roads.)
   B. The operator(s) shall maintain a log that documents daily water applications. This log shall include, but is not limited to, date and volumes (e.g., number of tanker applications and/or total gallons used) of water application. The log shall also record rationale for not applying water on day(s) the plant is in operations (e.g., meteorological situations, precipitation events, freezing, etc.)
   C. Meteorological precipitation of any kind, (e.g. a quarter inch or more rainfall, sleet, snow, and/or freeze thaw conditions) which is sufficient in the amount or condition to achieve control of fugitive emissions from these areas while the plant is operating.
   D. 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. The operator(s) shall record a brief description of such events in the same log as the documented watering.
   E. The operator(s) shall record the date and the amount of water applied for each application on the above areas. The operator(s) shall keep these records with the plant for not less than five (5) years, and the operator(s) shall make these records available to Department of Natural Resources personnel upon request.
Mr. Joe Pille  
Environmental Coordinator  
OMG Midwest, Inc. dba American Concrete Products  
P.O. Box 3349  
Des Moines, IA 50316

RE: New Source Review Permit - Project Number: 2008-06-020

Dear Mr. Pille:

Enclosed with this letter is your New Source Review permit. Please review your permit carefully and note the special conditions, if any, and the requirements in your permit.

Operation in accordance with the conditions and requirements in your permit and the New Source Review application submitted for project 2008-06-020 is necessary for continued compliance.

The section of the permit entitled “Technical Review of Application for Authority to Construct” should not be separated from the main portion of your permit. The entire permit must be retained in your files. 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 do not hesitate to contact engineer 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

Kendall B. Hale  
New Source Review Unit Chief

KBH:mml

Enclosures

c: Kansas City Regional Office  
PAMS File: 2008-06-020  
Permit Number: