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: 082016-009
Project Number: 2016-07-038
Installation ID: PORT-0740

Parent Company: Obermann Concrete dba SEMO Ready Mix
Parent Company Address: PO Box 2045, Cape Girardeau, MO 63702

Installation Name: SEMO Ready Mix PORT-0740
Installation Address: 101 McArthur, Portageville, MO 63873
Location Information: New Madrid County, S36 T21N R12E

Application for Authority to Construct was made for:
Installation of a new portable concrete 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.

Prepared by
Kathy Koib
New Source Review Unit

Director or Designee
Department of Natural Resources

AUG 2 3 2016
Effective Date
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 Enforcement and Compliance Section of 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 Enforcement and Compliance Section of 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’s 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 the permit application and this permit and permit review shall be kept at the installation address and shall be made available to Department’s 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 using the contact information below.

Contact Information:
Missouri Department of Natural Resources
Air Pollution Control Program
P.O. Box 176
Jefferson City, MO 65102-0176
(573) 751-4817

The regional office information can be found at the following website:
http://dnr.mo.gov/regions/
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. Equipment Identification Requirement
SEMO Ready Mix PORT-0740 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. 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. SEMO Ready Mix PORT-0740 shall not be operated at any location longer than 24 consecutive months except if the Site Specific Special Conditions of this portable plant, PORT-0740, contain a nonroad engine requirement limiting the portable plant at the site specific location to 12 consecutive months.

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.
   1) If the portable concrete plant is moving to a site previously permitted, and if the circumstances at the site have not changed, then the application must be received by the Air Pollution Control Program at least seven days prior to the relocation.
   2) If the concrete plant is moving to a new site, or if circumstances at the site have changed (e.g. the site was only permitted for solitary operation and now another plant is located at the site), then the application must be received by the Air Pollution Control Program at least 21 days prior to the relocation. The application must include written notification of any concurrently operating plants.

3. Record Keeping Requirement
SEMO Ready Mix PORT-0740 shall maintain all records required by this permit for not less than five years and shall make them available to any Missouri Department of Natural Resources’ personnel upon request.

4. Reporting Requirement
SEMO Ready Mix PORT-0740 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.
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-0740
Site ID Number: PORT-0740
Site Name: Portageville Site
Site Address: 101 McArthur, Portageville, MO 63873
Site County: New Madrid S36 T21N R12E

1. Best Management Practices Requirement
   SEMO Ready Mix PORT-0740 shall control fugitive emissions from all of the haul roads and vehicular activity areas at this site by performing BMPs as defined in Attachment AA.

2. Annual Emission Limit
   A. SEMO Ready Mix PORT-0740 shall emit less than 15.0 tons of PM$_{10}$ in any 12-month period from this site.
   B. SEMO Ready Mix PORT-0740 shall demonstrate compliance with Special Condition 2.A using Attachment A or another equivalent form that has been approved by the Air Pollution Control Program, including an electronic form.

3. Moisture Content Testing Requirement
   A. SEMO Ready Mix PORT-0740 shall verify that the moisture content of the processed rock 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.
   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
SITE SPECIFIC SPECIAL CONDITIONS:
The permittee is authorized to construct and operate subject to the following special conditions:

the test. The report shall be filed on-site or at the SEMO Ready Mix PORT-0740 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 3.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 3.A, SEMO Ready Mix PORT-0740 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, SEMO Ready Mix PORT-0740 may obtain test results that demonstrate compliance with the moisture content in Special Condition 3.A from the supplier of the aggregate.

4. Control Device Requirement-Baghouse
   A. SEMO Ready Mix PORT-0740 shall control emissions from the equipment listed below using a baghouse as specified in the permit application.
      1) Cement Silo
      2) Supplement Silo
      3) Weigh Hopper
      4) Truck Mix Loadout (shroud vented to baghouse)

   B. The baghouse shall be operated and maintained in accordance with the manufacturer's specifications. The baghouse shall be equipped with a gauge or meter, which indicates the pressure drop across the control device. These gauges or meters shall be located such that Department of Natural Resources' employees may easily observe them.

   C. Replacement filters for the baghouse shall be kept on hand at all times. The bags shall be made of fibers appropriate for operating conditions expected to occur (i.e. temperature limits, acidic and alkali resistance, and abrasion resistance).

   D. SEMO Ready Mix PORT-0740 shall monitor and record the operating pressure drop across the baghouse at least once every 24 hours. The operating pressure drop shall be maintained within the design conditions specified by the manufacturer's performance warranty.
SITE SPECIFIC SPECIAL CONDITIONS:
The permittee is authorized to construct and operate subject to the following special conditions:

E. SEMO Ready Mix PORT-0740 shall maintain a copy of the baghouse manufacturer’s performance warranty on site.

F. SEMO Ready Mix PORT-0740 shall maintain an operating and maintenance log for the which shall include the following:
   1) Incidents of malfunction, with impact on emissions, duration of event, probable cause, and corrective actions; and
   2) Maintenance activities, with inspection schedule, repair actions, and replacements, etc.

5. Fuel Requirement—Diesel Engines/Water Heater
   A. SEMO Ready Mix PORT-0740 shall burn exclusively ultra low sulfur diesel in the diesel generator (EP-7) with a sulfur content less than or equal to 15 parts per million by weight (15 ppm).
   B. SEMO Ready Mix PORT-0740 shall exclusively burn propane in their hot water heater (EP-8) propane during concrete production.
   C. SEMO Ready Mix PORT-0740 shall demonstrate compliance with Special Condition 5.A by obtaining records of the fuel’s sulfur content from the vendor for each shipment of fuel received or by testing each shipment of fuel for the sulfur content in accordance with the method described in 10 CSR 10-6.040 Reference Methods.
   D. SEMO Ready Mix PORT-0740 shall keep the records required by Special Condition 5.D onsite and make them available for Department of Natural Resources’ employees upon request.

6. Record Keeping Requirement
   SEMO Ready Mix PORT-0740 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.

7. Reporting Requirement
   SEMO Ready Mix PORT-0740 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.
REVIEW OF APPLICATION FOR AUTHORITY TO CONSTRUCT AND OPERATE
SECTION (6) REVIEW
Project Number: 2016-07-038
Installation ID Number: PORT-0740
Permit Number:

SEMO Ready Mix PORT-0740 Complete: July 22, 2016
101 McArthur
Portageville, MO 63873

Parent Company:
Obermann Concrete dba SEMO Ready Mix
PO Box 2045
Cape Girardeau, MO 63702

New Madrid County, S36 T21N R12E

PROJECT DESCRIPTION

SEMO Ready Mix has purchased a portable concrete plant, Vince Hagan HT 12400C-65/4 (Haganator). Although the manufacturer’s specifications state that this model is capable of 440 tph (220 yph), actual configuration of the conveyors limit the MHDR to 240 tons per hour. It will initially be located in New Madrid County in Portageville, Missouri. It will provide ready-mixed concrete for a private contractor to build a new facility for the SRG Global Corporation in Portageville. The project is expected to last approximately 18 months, beginning in August 2016. Particulate matter emissions from all of the silos, weigh hopper and truck loading will be controlled by a baghouse. The portable plant also has a propane 1.4 MMBTU/hour hot water heater. The plant will be powered by a generator with a 325 HP CAT XQ200 diesel engine manufactured in 2004.

<table>
<thead>
<tr>
<th>Emission Point</th>
<th>Description</th>
<th>MHDR</th>
</tr>
</thead>
<tbody>
<tr>
<td>EP-1</td>
<td>Aggregate Transfer</td>
<td>240 tph</td>
</tr>
<tr>
<td>EP-2</td>
<td>Sand Transfer</td>
<td>240 tph</td>
</tr>
<tr>
<td>EP-3</td>
<td>Cement Unloading to Silo</td>
<td>440 tph</td>
</tr>
<tr>
<td>EP-4</td>
<td>Supplement Unloading (Pneumatic)</td>
<td>240 tph</td>
</tr>
<tr>
<td>EP-5</td>
<td>Weigh Hopper</td>
<td>240 tph</td>
</tr>
<tr>
<td>EP-6</td>
<td>Truck Loading</td>
<td>240 tph</td>
</tr>
<tr>
<td>EP-7</td>
<td>Generator//Engine</td>
<td>325 hp</td>
</tr>
<tr>
<td>EP-8</td>
<td>Hot Water Heater</td>
<td>1.4 mmBTU</td>
</tr>
<tr>
<td>EP-9a</td>
<td>Aggregate Storage Pile</td>
<td>0.1 acres</td>
</tr>
<tr>
<td>EP-9b</td>
<td>Sand Storage Pile</td>
<td>0.04 acres</td>
</tr>
<tr>
<td>EP-10a</td>
<td>Receiving Haul Road</td>
<td>2.35 VMT</td>
</tr>
<tr>
<td>EP-10b</td>
<td>Shipping Haul Road</td>
<td>2.85 VMT</td>
</tr>
</tbody>
</table>
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 New Madrid 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.

No permits have been issued to SEMO Ready Mix PORT-0740 from the Air Pollution Control Program.

TABLES

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 not site specific and should not vary from site to site. There are no existing actual emissions since this is a new portable plant. 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 PM_{10} emission limit of 15.0 tons per year for portable plants in order to avoid refined modeling according to 10 CSR 10-6.060 (6)(B)3. Potential emissions of PM are above de minimis but below major source levels. There are no modeling requirements for PM.

### Table 1: Emissions Summary (tons per year)

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PM</td>
<td>25.0</td>
<td>8.69</td>
<td>N/A</td>
<td>48.30</td>
<td>40.89</td>
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<tr>
<td>PM_{10}</td>
<td>15.0</td>
<td>4.25</td>
<td>N/A</td>
<td>17.72</td>
<td>&lt;15.0</td>
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<tr>
<td>PM_{2.5}</td>
<td>10.0</td>
<td>2.20</td>
<td>N/A</td>
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<td>SO_{x}</td>
<td>40.0</td>
<td>2.82</td>
<td>N/A</td>
<td>2.82</td>
<td>2.38</td>
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<tr>
<td>NO_{x}</td>
<td>40.0</td>
<td>20.96</td>
<td>N/A</td>
<td>20.96</td>
<td>17.74</td>
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<tr>
<td>VOC</td>
<td>40.0</td>
<td>3.56</td>
<td>N/A</td>
<td>3.56</td>
<td>3.02</td>
</tr>
<tr>
<td>CO</td>
<td>100.0</td>
<td>11.49</td>
<td>N/A</td>
<td>11.49</td>
<td>9.73</td>
</tr>
<tr>
<td>GHG (CO_{2}e)</td>
<td>75,000 / 100,000</td>
<td>1603.50</td>
<td>N/A</td>
<td>1603.50</td>
<td>1357.48</td>
</tr>
<tr>
<td>GHG (mass)</td>
<td>0.0 / 100.0 / 250.0</td>
<td>1602.80</td>
<td>N/A</td>
<td>1602.80</td>
<td>1356.14</td>
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<tr>
<td>Total HAPs</td>
<td>25.0</td>
<td>0.04</td>
<td>N/A</td>
<td>0.04</td>
<td>0.03</td>
</tr>
</tbody>
</table>

N/A = Not Applicable

*Includes site specific haul road and storage pile emissions*
EMISSIONS CALCULATIONS

Emissions for the project were calculated using emission factors found in the United States EPA document AP-42 *Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources*, Fifth Edition (AP-42).

Emissions from the concrete batch plant were calculated using emission factors from AP-42 Section 11.12 “Concrete Batching,” June 2006. This section cites Equation (1) in Section 13.2.4 “Aggregate Handling and Storage Piles,” November 2006 for calculating the emissions from aggregate and sand transfer. The cement and supplement silos are controlled with a baghouse, so the controlled emission factors were used. Emissions from the aggregate weigh hopper were calculated using AP-42 Section 13.2.4, Equation (1). These emissions are controlled by a baghouse so a 99% control factor was applied to the calculation. Emissions from mixer loading/mix truck loading are controlled by a shroud vented to a baghouse, so the controlled emission factor was used.


Emissions from the propane heater were calculated using emission factors from AP-42 Section 1.5 Liquified Petroleum Gas Combustion, July 2008.

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 PM$_{10}$ and a 74% control efficiency for PM$_{2.5}$ were 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 at least 1.5% by 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.”

PERMIT RULE APPLICABILITY

This review was conducted in accordance with Section (6) of Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*. The conditioned potential emissions include emissions from sources that will limit their production to ensure compliance with the annual PM$_{10}$ emission limit of 15.0 tons per year in order to avoid refined modeling according to 10 CSR 10-6.060 (6)(B)3.
APPLICABLE REQUIREMENTS

SEMO Ready Mix PORT-0740 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.

GENERAL REQUIREMENTS

- Submission of Emission Data, Emission Fees and Process Information, 10 CSR 10-6.110.
- A Basic Operating Permit application is not required for this installation because portable plants are exempt from obtaining an operating permit.
- 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

- Control of Sulfur Dioxide Emissions, 10 CSR 10-6.261
- Restriction of Emission of Particulate Matter From Industrial Processes, 10 CSR 10-6.400 does not apply because silos, weigh hopper and truck loading are controlled by a baghouse. All other sources are fugitive.

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, it is recommended that this permit be granted with special conditions.
PERMIT DOCUMENTS

The following documents are incorporated by reference into this permit:

- The Application for Authority to Construct form, dated June 30, 2016, received July 22, 2016, designating Obermann Concrete dba SEMO Ready Mix as the owner and operator of the installation.
Site Name: Portageville Site  
Site Address: 101 McArthur, Portageville, MO 63873  
Site County: New Madrid

This sheet covers the period from ________________ to ________________ (Copy as needed)

<table>
<thead>
<tr>
<th>Month</th>
<th>Production (tons)</th>
<th>Emission Factor (lb/ton)</th>
<th>Monthly Emissions¹ (lbs)</th>
<th>Monthly Emissions² (tons)</th>
<th>12-Month Total Emissions³ (tons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example</td>
<td>150,000</td>
<td>0.01686</td>
<td>2,529</td>
<td>1.26</td>
<td>14.46</td>
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</table>

¹Multiply the monthly production by the emission factor.  
²Divide the monthly emissions (lbs) by 2000.  
³Add the monthly emissions (tons) to the sum of the monthly emissions from the previous eleven months. A total of less than 15.0 tons of PM₁₀ is necessary for compliance.
Attachment AA: Best Management Practices

Haul roads and vehicular activity areas shall be maintained in accordance with at least one of the following options when the 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 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.
APPENDIX A

Abbreviations and Acronyms

% .......... percent
°F .......... degrees Fahrenheit
acfm ........ actual cubic feet per minute
BACT ....... Best Available Control Technology
BMPs ...... Best Management Practices
Btu......... British thermal unit
CAM ........ Compliance Assurance Monitoring
CAS .......... Chemical Abstracts Service
CEMS ...... Continuous Emission Monitor System
CFR .......... Code of Federal Regulations
CO ........ carbon monoxide
CO₂ ....... carbon dioxide
CO₂e ...... carbon dioxide equivalent
COMS ...... Continuous Opacity Monitoring System
CSR .......... Code of State Regulations
dscf ........ dry standard cubic feet
EIQ ........ Emission Inventory Questionnaire
EP ........... Emission Point
EPA ....... Environmental Protection Agency
EU ............ Emission Unit
fps .......... feet per second
ft ............ feet
GACT ...... Generally Available Control Technology
GHG ........ Greenhouse Gas
gpm ........ gallons per minute
gr .......... grains
GWP ......... Global Warming Potential
HAP .......... Hazardous Air Pollutant
hr .......... hour
hp .......... horsepower
lb .......... pound
lbs/hr ...... pounds per hour
MACT ...... Maximum Achievable Control Technology
µg/m³ ...... micrograms per cubic meter
m/s ........ meters per second
Mgal ...... 1,000 gallons
MW .......... megawatt
MHDR ...... maximum hourly design rate
MMBtu..... Million British thermal units
MMCF ...... million cubic feet
MSDS ...... Material Safety Data Sheet
NAAQS ..., National Ambient Air Quality Standards
NESHAPs .. National Emissions Standards for Hazardous Air Pollutants
NOₓ ........ nitrogen oxides
NSPS ...... New Source Performance Standards
NSR ....... New Source Review
PM .......... particulate matter
PM₂.₅ ....... particulate matter less than 2.5 microns in aerodynamic diameter
PM₁₀ ...... particulate matter less than 10 microns in aerodynamic diameter
ppm ...... parts per million
PSD .... Prevention of Significant Deterioration
PTE ........ potential to emit
RACT ...... Reasonable Available Control Technology
RAL ....... Risk Assessment Level
SCC ........ Source Classification Code
SCS ....... Source Classification Code
scfm ...... standard cubic feet per minute
SDS ...... Safety Data Sheet
SIC ....... Standard Industrial Classification
SIP ....... State Implementation Plan
SMAL .... Screening Model Action Levels
SOₓ ........ sulfur oxides
SO₂ ....... sulfur dioxide
tph ....... tons per hour
tpy ...... tons per year
VMT ...... vehicle miles traveled
VOC ...... Volatile Organic Compound
Mr. Rhett Obermann
Compliance Manager
SEMO Ready Mix PORT-0740
PO Box 2045
Cape Girardeau, MO  63702

RE: New Source Review Permit - Project Number: 2016-07-038

Dear Mr. Obermann:

Enclosed with this letter is your permit to construct. Please study it carefully and refer to Appendix A for a list of common abbreviations and acronyms used in the permit. 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 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.

This permit may include requirements with which you may not be familiar. If you would like the department to meet with you to discuss how to understand and satisfy the requirements contained in this permit, an appointment referred to as a Compliance Assistance Visit (CAV) can be set up with you. To request a CAV, please contact your local regional office or fill out an online request. The regional office contact information can be found at the following website: http://dnr.mo.gov/regions/. The online CAV request can be found at http://dnr.mo.gov/cav/compliance.htm.

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, please do not hesitate to contact Kathy Kolb, 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:kkj

Enclosures

c: Southeast Regional Office
   PAMS File: 2016-07-038

Permit Number: