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: 112016-005
Project Number: 2016-10-011
Installation ID: PORT-0744

Parent Company: Midwest Mobile Mix, LLC
Parent Company Address: 15546 Cleveland Street NW, Elk River, MN 55330

Installation Name: Midwest Mobile Mix – Atchison PORT - 0744
Installation Address: X Avenue, Tarkio, MO 64491
Location Information: Atchison County, S19, T65N, R38W

Application for Authority to Construct was made for:
The operation of a portable concrete batching facility including two plants near Tarkio, MO for the purpose of constructing windmills. This review was conducted in accordance with Section (6), Missouri State Rule 10 CSR 10-6.060, Construction Permits Required.

☑ Standard Conditions (on reverse) and Special Conditions are applicable to this permit.

Prepared by
Hans Robinson
New Source Review Unit

Director or Designee
Department of Natural Resources
NOV 09 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
   Midwest Mobile Mix – Atchison 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.

2. Relocation of Portable Rock Crushing Plant
   A. Midwest Mobile Mix’s portable concrete batching plant shall not be operated at any location longer than 24 consecutive months except if the Site Specific Special Conditions of this portable plant, PORT-0744, 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 batching plant.
      1) If the portable concrete batching 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 portable concrete batching 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.
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: 0744
Site Name: Midwest Mobile Mix – Atchison (MMMA)
Site Address: X-Avenue, Tarkio, MO 64491
Site County: Atchison County

1. Operating Conditions
   A. Midwest Mobile Mix – Atchison shall not produce greater than 600,000 tons of concrete per 12-consecutive month period.
   
   B. MMMA shall develop and use forms to demonstrate compliance with Special Condition 1.A. The forms shall contain at a minimum the following information,
      1) Installation name
      2) Installation ID
      3) Permit number
      4) Current month
      5) Current 12-month date range
      6) Monthly throughput of the installation
   
   C. MMMA shall limit PM\textsubscript{10} haul road emissions by using no more than 4250 feet of haul roads within Site No. 1 and no more than 4250 feet of haul roads within Site No. 2.

2. Nonroad Engine Requirements
   A. MMMA PORT-0744 cannot operate at this site longer than 12 consecutive months in order to avoid recordkeeping showing the movement of the diesel engine. To meet the definition of a nonroad engine as stated in 40 CFR 89.2, the engine cannot remain in one physical location for longer than 12 consecutive months.

   A. Head Inc. - Plant #3 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.

4. Control Device Requirement - Dust Collector
   A. MMMA shall control emissions from the equipment listed below using dust collectors as specified in the permit application.
      1) Silo #1 (Emission Point Number [EPN] A10)
      2) Silo #2 (EPN A11)
      3) Silo #3 (EPN B10)
SITE SPECIFIC SPECIAL CONDITIONS:
The permittee is authorized to construct and operate subject to the following special conditions:

4) Silo #4 (EPN B11)
5) Weigh Hopper (EPN A12)
6) Weigh Hopper (EPN B12)

B. The dust collectors shall be operated and maintained in accordance with the manufacturer's specifications. All dust collectors shall utilize an automatic pulse-jet cleaning mechanism that is operated according to the manufacturer's specifications to ensure that the dust collector is operating correctly.

C. Replacement filters for the dust collectors 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. Visible emissions will be used as an indicator of the proper operation of the control device. During proper operation no visible emissions are expected from this emission unit. The existence of visible emissions will indicate a decrease in the efficiency of the control device and corrective actions will be implemented.
   1) Frequency: Visible emissions from the exhaust shall be monitored on a daily basis when the silos are being filled by a transport truck.
   2) Duration: The duration of the observation shall be for a two minute time period.
   3) Threshold: The condition of no visible emissions is considered normal for this emission unit. When visible emissions are noted from the emission unit, it shall be documented and corrective actions shall be implemented within a reasonable period.
   4) Records: MMMA will need to keep a log of daily opacity observations.

E. MMMA shall maintain a copy of the dust collector manufacturer's performance warranty on site.

F. MMMA shall maintain an operating and maintenance log for the dust collectors 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. Control Device Requirement – Water Fog Ring
A. MMMA shall control emissions from the equipment listed below using water fog rings as specified in the permit application.
   1) Emission Point A9 truck loading
   2) Emission Point B9 truck loading

B. The water fog rings shall be operated and maintained in accordance with the manufacturer's specifications.
SITE SPECIFIC SPECIAL CONDITIONS:
The permittee is authorized to construct and operate subject to the following special conditions:

C. MMMA shall maintain a copy of the water fog ring manufacturer’s performance warranty on site.

D. MMMA shall maintain an operating and maintenance log for the water fog rings 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.

6. Record Keeping and Reporting Requirements
A. MMMA 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. MMMA 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.
REVIEW OF APPLICATION FOR AUTHORITY TO CONSTRUCT AND OPERATE
SECTION (6) REVIEW
Project Number: 2016-10-011
Installation ID Number: Port - 0744
Permit Number: 11 2 0 1 6 - 0 0 5

Installation Address: Midwest Mobile Mix - Atchison
X Avenue
Tarkio, MO 64491

Parent Company: Midwest Mobile Mix, LLC
15546 Cleveland Street NW
Elk River, MN 55330

Atchison County, S19, T65N, R38W

REVIEW SUMMARY

• Midwest Mobile Mix - Atchison has applied for authority to construct a concrete batching facility including two plants near Tarkio, MO located in Atchison County.

• The application was deemed complete on October 14, 2016.

• HAP emissions are not expected from the proposed equipment.

• None of the New Source Performance Standards (NSPS) apply to the installation.

• None of the NESHAPs apply to this installation. None of the currently promulgated MACT regulations apply to the proposed equipment.

• Dust collectors, water fog rings, and haul road watering are being used to control the PM, PM$_{10}$, and PM$_{2.5}$ emissions from the equipment in this permit.

• This review was conducted in accordance with Section (6) of Missouri State Rule 10 CSR 10-6.060, Construction Permits Required. Potential emissions of PM$_{10}$ and PM$_{2.5}$ are conditioned below de minimis levels. Potential emissions of PM are above de minimis but below major levels. There are no modeling requirements for PM.

• This installation is located in Atchison 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.

• Ambient air quality modeling was not performed since potential emissions of the application are below de minimis levels.

• Emission testing is not required for equipment operated at the concrete batching facility as a part of this permit.
• Approval of this permit is recommended with special conditions.

INSTALLATION DESCRIPTION

Midwest Mobile Mix, LLC (MMM) has requested a construction permit for a portable concrete batching facility approximately 0.2 miles south of the intersection of X Ave. and 220 St. near Tarkio, MO in Atchison County. The installation will be divided into areas points roughly 1.5 miles apart. The portable concrete batching facility will supply concrete for windmills constructed within the Site No.1 property boundary. At some point it will be moved to Site No.2 in order to construct additional windmills. Both locations are grouped as one emission source. It is expected that this installation will remain at the Atchison county sites only as long as it takes to complete the wind turbine project at which point it is subject to relocation. If such a movement occurs a construction permit will be required for the new relocation site or project. Concrete transportation will occur over unpaved haul roads. Raw materials used for concrete production will include aggregate, sand, cement, various additives, and water.

MMM has not operated a concrete batching facility at this location in the past, therefore no permits have been issued to Midwest Mobile Mix - Atchison from the Air Pollution Control Program. Below is a summary of emission points used for calculations (except for the generator) and the equivalent emission point numbers (EPN) listed on the flow diagram provided with the application to construct.

Table 1: Equipment and Emission Point Number Summary

<table>
<thead>
<tr>
<th>Emission Point Number (EPN)</th>
<th>Description</th>
<th>MMMA Equipment Designated EPN</th>
<th>SCC (Calculations)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Aggregate transfer</td>
<td>A1, A2, A3, B1, B2, B3</td>
<td>3-05-011-04</td>
</tr>
<tr>
<td>2</td>
<td>Sand transfer</td>
<td>A4, A5, A6, B4, B5, B6</td>
<td>3-05-011-05</td>
</tr>
<tr>
<td>3</td>
<td>Cement unloading to silo</td>
<td>A7, A8, B7, B8</td>
<td>3-05-011-07</td>
</tr>
<tr>
<td>4</td>
<td>Supplement unloading (pneumatic)</td>
<td>A10, A11, B10, B11</td>
<td>3-05-011-17</td>
</tr>
<tr>
<td>5</td>
<td>Weigh hopper loading</td>
<td>A12, B12</td>
<td>3-05-011-08</td>
</tr>
<tr>
<td>6</td>
<td>Truck loading (truck mix)</td>
<td>A9, B9</td>
<td>3-05-011-10</td>
</tr>
<tr>
<td>7</td>
<td>Generator</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Haul Roads</td>
<td>14</td>
<td>2-29-600-00</td>
</tr>
</tbody>
</table>

PROJECT DESCRIPTION

Midwest Mobile Mix, LLC (MMM) will be installing a portable concrete batching facility (PORT – 0744) to assist the construction of wind turbines. The MHDR for concrete production is 600 tons per hour (300 yd³/hr.) with a yearly limit of 600,000 tons. Raw materials used for concrete production will include aggregate, sand, cement, various additives, and water. There will be two separate sites, labeled Site No.1 and Site No.2; located near Highway 136 and 220 St. Both of these sites are grouped as one source for all criteria pollutants. All PM₁₀
and PM$_{2.5}$ emissions from haul roads, raw material loading, and batch loading will be controlled by haul road watering, dust collectors, and water fog rings, respectively.

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.

Power will be supplied to the facility by a 340 Horsepower Cummins NT855-G4 internal combustion engine which will use No. 2 diesel as fuel. The diesel engine meets the definition of non-road engine as defined in 40 CFR 89.2 (1)(i). Therefore, the emissions of the engine were not included.

EMISSIONS/CONTROLS EVALUATION

The emission factors and control efficiencies used in this analysis were obtained from the EPA document AP-42, Compilation of Air Pollutant Emission Factors, Fifth Edition, 11.12 Concrete Batching, 13.2.2 Unpaved Roads, and 13.2.4 Aggregate Handling and Storage Piles. The silos and weigh hopper are controlled by dust collectors that were evaluated with 99% control efficiency. Haul roads were given 90/90/74 PM/PM$_{10}$/PM$_{2.5}$ control efficiencies for use of best management practices. Emissions from truck loading are controlled by water fog rings which were given a manufacturer specified control efficiency of 85%. MHDR for concrete production was calculated at 600 tons per hour.

The engine emissions were not evaluated for this review as the diesel engine at this site is classified as a non-road engine. 40 CFR 63 Subpart ZZZZ, "National Emissions Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines" and 40 CFR 60 Subpart III, "Standards of Performance for Stationary Compression Ignition Internal Combustion Engines" do not apply. However, if the plant were to remain in one location for longer than 12 consecutive months, it would not be in compliance with this permit because engine emissions were not evaluated. It may also not be in compliance with MACT ZZZZ. NSPS III does not apply unless the engine is modified or reconstructed and the plant is in one location for longer than 12 consecutive months.

The following table provides an emissions summary for this project. There are no existing potential emissions for this facility. Potential emissions of the application represent the potential of Silos #1, 2, 3, 4, weigh hoppers A12 and B12, various hopper loading and unloading operations, and haul roads assuming continuous operation (8760 hours per year).
Table 2: Potential to Emit of the Facility (tpy)

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Regulatory De Minimis Levels</th>
<th>Existing Potential Emissions</th>
<th>Existing Actual Emissions</th>
<th>Potential Emissions of the Project</th>
<th>New Installation Conditioned Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM</td>
<td>25.0</td>
<td>N/A</td>
<td>N/A</td>
<td>385.1</td>
<td>44.0</td>
</tr>
<tr>
<td>PM10</td>
<td>15.0</td>
<td>N/A</td>
<td>N/A</td>
<td>131.3</td>
<td>14.99</td>
</tr>
<tr>
<td>PM2.5</td>
<td>10.0</td>
<td>N/A</td>
<td>N/A</td>
<td>30.8</td>
<td>3.5</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>40.0</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</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>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

N/A = Not Applicable

1Emissions from the diesel fueled internal combustion engine electrical generator (EPN 13) were not considered because it is considered a portable nonroad engine.

PERMIT RULE APPLICABILITY

This review was conducted in accordance with Section (6) of Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*. Potential emissions of PM₁₀ and PM₂.₅ are conditioned below de minimis levels. Potential emissions of PM are above de minimis levels but below major levels. There are no modeling requirements for PM.

APPLICABLE REQUIREMENTS

Midwest Mobile Mix - Atchison 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

- *Start-Up, Shutdown, and Malfunction Conditions, 10 CSR 10-6.050*

- *Submission of Emission Data, Emission Fees and Process Information, 10 CSR 10-6.110*
  - Per 10 CSR 10-6.110(4)(B)2.B(II) and (4)(B)2.C(II) a full EIQ is required for the first full calendar year the equipment (or modifications) approved by this permit are in operation.

- *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

• None of the National Emission Standards for Hazardous Air Pollutants (NESHAPS) or National Emission Standards for Hazardous Air Pollutants for Source Categories (MACTS) apply to the proposed equipment.
• Restriction of Emission of Particulate Matter From Industrial Processes, 10 CSR 10-6.400
• None of the NSPS applies to the proposed equipment.

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 10/7/2016, received 10/14/2016, designating Midwest Mobile Mix, LLC as the owner and operator of the installation.
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
NO₂ ...... 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
scfm ...... standard cubic feet per minute
SDS ...... Safety Data Sheet
SIC ...... Standard Industrial Classification
SIP ...... State Implementation Plan
SMAL ..... Screening Model Action Levels
SO₂ ...... sulfur oxides
SO₃ ...... sulfur dioxide
tph ...... tons per hour
tph ...... tons per year
VMT ...... vehicle miles traveled
VOC ...... Volatile Organic Compound
Ms. Janine Lehn  
Office Manager  
Midwest Mobile Mix - Atchison  
X. Avenue  
Tarkio, MO  64491  

RE: New Source Review Permit - Project Number: 2016-10-011  

Dear Ms. Lehn:  

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 and 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 regarding this permit decision, please do not hesitate to contact Hans Robinson 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:hrj

Enclosures

c:     Kansas City Regional Office
       PAMS File: 2016-10-011
       Josh Butler, CES – Westward Environmental, Inc.

Permit Number: 112016-005