PART 70
PERMIT TO OPERATE

Under the authority of RSMo 643 and the Federal Clean Air Act, the applicant is authorized to operate the air contaminant source(s) described below, in accordance with the laws, rules, and conditions set forth herein.

Operating Permit Number: OP2017-043
Expiration Date: MAY 19 2022
Installation ID: 107-0038
Project Number: 2014-10-055

Installation Name and Address
Higginsville Municipal Power Plant
P.O. Box 110
Higginsville, MO 64037
Lafayette County

Installation Description:

The facility is located in Higginsville, Missouri, and was constructed to operate combustion turbines and engines for the generation of electric power during periods of peak electrical demand for the purposes of public consumption. The main sources of air pollutants from this installation include a dual-fuel fired twin-pac turbine, dual fuel fired turbine, a diesel engine generator, and two emergency engines.

The installation is a major source for Nitrogen Oxides (NOx). The facility is an area source for Hazardous Air Pollutants (HAPs).

Prepared by
Jill Wade, P.E.
Operating Permit Unit

Director or Designee
Department of Natural Resources
MAY 19 2017
Effective Date
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I. Installation Description and Equipment Listing

INSTALLATION DESCRIPTION
Higginsville Municipal Power Plant is a major source of air pollutants located in Higginsville, Missouri. The facility operates combustion turbines for the generation of electric power during periods of peak electrical demand for the purposes of public consumption. The facility has two emergency diesel engines, one diesel engine, one dual fuel fired turbine, and a dual fuel fired twin-pac turbine. The installation is not on the List of Named Installations [10 CSR 10-6-020(3)(B), Table 2]. Fugitive emissions from the facility do not count towards major source applicability.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Particulate Matter ≤ Ten Microns (PM10)</td>
<td>0.046</td>
<td>0.020</td>
<td>0.026</td>
<td>0.206</td>
<td>0.041</td>
</tr>
<tr>
<td>Particulate Matter ≤ 2.5 Microns (PM2.5)</td>
<td>0.046</td>
<td>0.020</td>
<td>0.026</td>
<td>0.206</td>
<td>0.041</td>
</tr>
<tr>
<td>Sulfur Oxides (SOx)</td>
<td>0.02</td>
<td>0.009</td>
<td>0.014</td>
<td>0.102</td>
<td>0.038</td>
</tr>
<tr>
<td>Nitrogen Oxides (NOx)</td>
<td>1.087</td>
<td>0.682</td>
<td>0.954</td>
<td>4.899</td>
<td>1.733</td>
</tr>
<tr>
<td>Volatile Organic Compounds (VOC)</td>
<td>0.021</td>
<td>0.018</td>
<td>0.025</td>
<td>0.124</td>
<td>0.076</td>
</tr>
<tr>
<td>Carbon Monoxide (CO)</td>
<td>0.0217</td>
<td>0.145</td>
<td>0.215</td>
<td>1.111</td>
<td>0.478</td>
</tr>
<tr>
<td>Ammonia (NH3)</td>
<td>0.03</td>
<td>0.026</td>
<td>0.026</td>
<td>0.123</td>
<td>0.042</td>
</tr>
</tbody>
</table>

EMISSION UNITS WITH LIMITATIONS
The following list provides a description of the equipment at this installation that emits air pollutants and that are identified as having unit-specific emission limitations.

<table>
<thead>
<tr>
<th>Emission Unit #</th>
<th>Description of Emission Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>P04A</td>
<td>Dual-Fuel Twin Pac Turbine – Side A, 282.98 MMBtu/hr</td>
</tr>
<tr>
<td>P04B</td>
<td>Dual-Fuel Twin Pac Turbine – Side B, 282.98 MMBtu/hr</td>
</tr>
<tr>
<td>P07</td>
<td>Dual Fuel Fired Turbine – 66.92 MMBtu/hr</td>
</tr>
<tr>
<td>P08</td>
<td>Generator Unit #6, 12.37 MMBtu/hr, diesel fueled</td>
</tr>
<tr>
<td>E01</td>
<td>Ambulance and Fire Department Emergency Engine, 0.285 MMBtu/hr, diesel fueled</td>
</tr>
<tr>
<td>T03</td>
<td>Gasoline storage tank, 500 gallons</td>
</tr>
<tr>
<td>T08</td>
<td>Gasoline storage tank (Street Department), 500 gallons</td>
</tr>
<tr>
<td>T09</td>
<td>Gasoline storage tank (Water Department), 500 gallons</td>
</tr>
<tr>
<td>T10</td>
<td>Gasoline storage tank (Parks Department), 500 gallons</td>
</tr>
</tbody>
</table>
EMISSION UNITS WITHOUT LIMITATIONS
The following list provides a description of the equipment that does not have unit specific limitations at the time of permit issuance.

<table>
<thead>
<tr>
<th>Description of Emission Source</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>T01</td>
<td>Diesel Fuel storage tank, 125,000 gallons</td>
</tr>
<tr>
<td>T02</td>
<td>Diesel Fuel storage tank, 500 gallons</td>
</tr>
<tr>
<td>T05</td>
<td>Diesel Fuel storage tank, 12,000 gallons</td>
</tr>
<tr>
<td>T06</td>
<td>Diesel Fuel storage tank, 12,000 gallons</td>
</tr>
<tr>
<td>T07</td>
<td>Diesel Fuel Day tank, 300 gallons</td>
</tr>
<tr>
<td>INS-01</td>
<td>Natural Gas Space Heaters, 5.244 MMBtu/hr</td>
</tr>
</tbody>
</table>
II. Plant Wide Emission Limitations

The installation shall comply with each of the following emission limitations. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued. The plant wide conditions apply to all emission units at this installation. All emission units are listed in Section I under Emission Units with Limitations or Emission Units without Limitations.

None.
III. Emission Unit Specific Emission Limitations

The installation shall comply with each of the following emission limitations. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued.

<table>
<thead>
<tr>
<th>EIQ Reference #</th>
<th>Description</th>
<th>Manufacturer/Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-01</td>
<td>Emergency Generator: 30 kW diesel generator for ambulance and fire department, MHDR 0.285 MMBtu/hr, 40 Hp, installed prior to 2006</td>
<td>Libby Welding Co.</td>
</tr>
</tbody>
</table>

**PERMIT CONDITION 1**

10 CSR 10-6.075 Maximum Achievable Control Technology Regulations

<table>
<thead>
<tr>
<th>Engine Category</th>
<th>Description</th>
<th>Manufacturer/Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing Emergency CI &lt; 500 Hp</td>
<td>Monitoring, Installation, Collection, Operation and Maintenance Requirements</td>
<td>§63.6625(e)(3), (f), (h), (i)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Constructed</th>
<th>Description</th>
<th>Manufacturer/Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before 6/12/2006</td>
<td>Initial Compliance</td>
<td>No Requirements</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Compliance Date</th>
<th>Description</th>
<th>Manufacturer/Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 3, 2013</td>
<td>Continuous Compliance</td>
<td>§63.6605, §63.6640(a) &amp; (f)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Maintenance Requirements</th>
<th>Description</th>
<th>Manufacturer/Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table 2d of MACT ZZZZ, Item#4</td>
<td>Notification Requirements</td>
<td>No Requirements per §63.6645(a)(5)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Work Practice Standards</th>
<th>Description</th>
<th>Manufacturer/Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>§63.6640(f)</td>
<td>Recordkeeping Requirements</td>
<td>§63.6655(e) and (f)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fuel Requirements</th>
<th>Description</th>
<th>Manufacturer/Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>§63.6604(b)</td>
<td>Reporting Requirements</td>
<td>§63.6640(b) Footnote 2 of Table 2d</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Performance Tests</th>
<th>Description</th>
<th>Manufacturer/Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Requirements</td>
<td>General Provisions (40 CFR part 63)</td>
<td>Yes, except per §63.6645(a)(5), the following do not apply: §63.7(b) and (c), §63.8(e), (f)(4) and (f)(6), and §63.9(b)-(e), (g) and (h).</td>
</tr>
</tbody>
</table>

**Emission Limitation**

1. The permittee must comply with the requirements in Table 2d to 40 CFR Part 63, Subpart ZZZZ. [§63.6603(a)]
2. The permittee must use diesel fuel that meets the requirements in 40 CFR 80.510(b) for non-road diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to January 1, 2015, may be used until depleted. [§63.6604(b)]
3. At all times the permittee must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the permittee to make any further efforts to reduce emissions if levels required by
this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. [§63.6605(b)]

4. The permittee must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [§63.6625(h)]

5. The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2d to 40 CFR Part 63, Subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2d to 40 CFR Part 63, Subpart ZZZZ. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the permittee is not required to change the oil. If any of the limits are exceeded, the permittee must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 business days or before commencing operation, whichever is later. The permittee must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [§63.6625(i)]

Table 2d to Subpart ZZZZ of Part 63—Requirements for Existing Stationary RICE Located at Area Sources of HAP Emissions

<table>
<thead>
<tr>
<th>RICE Type</th>
<th>Operational Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency stationary CI RICE²</td>
<td>Change oil and filter every 500 hours of operation or annually, whichever comes first;¹</td>
</tr>
<tr>
<td></td>
<td>Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and</td>
</tr>
<tr>
<td></td>
<td>Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.</td>
</tr>
</tbody>
</table>

¹Sources have the option to utilize an oil analysis program as described in §63.6625(i) in order to extend the specified oil change requirement in Table 2d of this subpart.

²If an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements on the schedule required in Table 2d of 40 CFR Part 63, Subpart ZZZZ this subpart, or if performing the management practice on the required schedule would otherwise pose an unacceptable risk under federal, state, or local law, the management practice can be delayed until the emergency is over or the unacceptable risk under federal, state, or local law has abated. The management practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under federal, state, or local law has abated. Sources must report any failure to perform the management practice on the schedule required and the federal, state or local law under which the risk was deemed unacceptable.
Operational Limitation:
1. The permittee must demonstrate continuous compliance with the operational requirements in Table 2d to 40 CFR Part 63, Subpart ZZZZ according to methods specified in Table 6 to 40 CFR Part 63, Subpart ZZZZ. \[§63.6640(a)\]
2. The permittee must report each instance in which the facility did not meet the operational requirements in Table 2d to 40 CFR Part 63, Subpart ZZZZ. These deviations must be reported according to the requirements in §63.6650.
3. The permittee must operate the emergency stationary RICE according to the requirements for emergency engines. In order for the engine to be considered an emergency stationary RICE under 40 CFR Part 63, Subpart ZZZZ, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, is prohibited. If the permittee does not operate the engine according to these requirements the engine will not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines. \[§63.6640(f)\]
   (1) There is no time limit on the use of emergency stationary RICE in emergency situations. \[§63.6640(f)(1)\]
   (2) The permittee may operate the emergency stationary RICE for any combination of the purposes specified in paragraphs 4.B.(i) of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraphs 4.C. of this section counts as part of the 100 hours per calendar year allowed by this paragraph 4.B. \[§63.6640(f)(2)\]
   (i) Emergency stationary RICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The permittee may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the permittee maintains records indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year. \[§63.6640(f)(2)(i)\]
   (3) Emergency stationary RICE located at area sources of HAP may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in paragraph 4.B. of this section. Except as provided in paragraphs 4.C.(i) and (ii) of this section, the 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity. \[§63.6640(f)(4)\]
   (i) The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met: \[§63.6640(f)(4)(ii)\]
      1. The engine is dispatched by the local balancing authority or local transmission and distribution system operator. \[§63.6640(f)(4)(ii)(A)\]
      2. The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region. \[§63.6640(f)(4)(ii)(B)\]
      3. The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines. \[§63.6640(f)(4)(ii)(C)\]
4. The power is provided only to the facility itself or to support the local transmission and distribution system. [§63.6640(f)(4)(ii)(D)]

5. The permittee identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator. [§63.6640(f)(4)(ii)(E)]

<table>
<thead>
<tr>
<th>Compliance Method</th>
<th>The permittee must demonstrate continuous compliance by . . .</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work or Management practices</td>
<td>1. Operating and maintaining the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions; or 2. Develop and follow a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.</td>
</tr>
</tbody>
</table>

**Recordkeeping**

1. The permittee must keep the records required in Table 6 of 40 CFR Part 63, Subpart ZZZZ to show continuous compliance. [§63.6655(d)]

2. The permittee must keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The permittee must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engine is used for the purposes specified in §63.6640(f)(2)(ii) or (iii) or §63.6640(f)(4)(ii), the permittee must keep records of the notification of the emergency situation, and the date, start time, and end time of engine operation for these purposes. [§63.6655(f)]

3. The permittee’s records must be in a form suitable and readily available for expeditious review according to §63.10(b)(1). [§63.6660(a)]

4. The permittee must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. [§63.6660(b)]

**Reporting**

1. If the emergency generator is contractually obligated to be available for more than 15 hours per year for the purposes specified in §63.6640(f)(2)(ii) and (iii) or it operates for the purposes specified in §63.6640(f)(4)(ii), the permittee must submit a report containing the information in §63.6650(h)(1) annually according to the requirements in §63.6650(h)((2)-(3)) [§63.6650(a)]

2. The permittee must submit an annual report according to the requirements in the following paragraphs A through C. [§63.6650(h)]

   A. The report must contain the following information: [§63.6650(h)(1)]
      (i) Company name and address where the engine is located. [§63.6650(h)(1)(i)]
      (ii) Date of the report and beginning and ending dates of the reporting period. [§63.6650(h)(1)(ii)]
(iii) Engine site rating and model year. [§63.6650(h)(1)(iii)]
(iv) Latitude and longitude of the engine in decimal degrees reported to the fifth decimal place. [§63.6650(h)(1)(iv)]
(v) Hours spent for operation for the purpose specified in §63.6640(f)(4)(ii), including the date, start time, and end time for engine operation for the purposes specified in §63.6640(f)(4)(ii). The report must also identify the entity that dispatched the engine and the situation that necessitated the dispatch of the engine. [§63.6650(h)(1)(vii)]
(vi) If there were no deviations from the fuel requirements in §63.6604 that apply to the engine (if any), a statement that there were no deviations from the fuel requirements during the reporting period. [§63.6650(h)(1)(viii)]
(vii) If there were deviations from the fuel requirements in §63.6604 that apply to the engine (if any), information on the number, duration, and cause of deviations, and the corrective action taken. [§63.6650(h)(1)(ix)]

B. The first annual report must cover the calendar year 2015 and must be submitted no later than March 31, 2016. Subsequent annual reports for each calendar year must be submitted no later than March 31 of the following calendar year. [§63.6650(h)(2)]

C. The annual report must be submitted electronically using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA’s Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written report must be submitted to the Administrator at the appropriate address listed in §63.13. [§63.6650(h)(3)]

3. The permittee shall report to the Air Pollution Control Program’s Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, and to EPA Region VII, 11201 Renner Blvd., Lenexa, KS 66219.

4. The permittee shall report any deviations/exceedance of this permit condition using the semi-annual monitoring report and annual compliance certifications to the Air Pollution Control Program’s Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as required by 10 CSR 10-6.065(6)(C)1.C.(III).

**PERMIT CONDITION 2**

10 CSR 10-6.060 Construction Permits Required
Construction Permit #042003-042A, Issued July 30, 2003

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Description</th>
<th>Manufacturer/Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>P07</td>
<td>5.5 MW Dual Fuel Fired Turbine, 2004</td>
<td>Solar, Taurus 60-7801</td>
</tr>
<tr>
<td>P08</td>
<td>Generator Unit #6 – 1.2 MW Diesel Engine, 2004</td>
<td>Caterpillar, 3512B</td>
</tr>
</tbody>
</table>

**Emission Limitation:**
The permittee shall not discharge into the atmosphere from the 5.5 MW Combustion Turbine (EP-7) and 1.2 MW Engine (EP-8) nitrogen oxides (NOx) in excess of 40 tons in any consecutive 12-month period. [Special Condition #1.A.]

**Monitoring/recordkeeping:**
The permittee shall keep monthly records that are adequate to determine the monthly and 12-month rolling total NOx emissions from the Combustion Turbine and Engine. The recordkeeping shall utilize the emission rates developed during the compliance testing. Attachment A, or equivalent forms of the permittee’s own design approved by the APCP, are suitable for this purpose. The most recent 60 months
of records shall be maintained on-site and shall be made immediately available to Missouri Department of Natural Resources personnel upon request. [Special Condition #1.C.]

**Operational Limitation:**
1. The permittee shall combust no fuels other than natural gas or distillate fuel oil #2 in the Combustion Turbine and no fuels other than distillate fuel oil #2 in the Engine at any time at this site. [Special Condition #2.A.]
2. The permittee shall use overhauled turbines in the exchange program with identical horsepower, heat rate, and emissions characteristics as the turbines being replaced. [Special Condition #2.B.]

**Reporting:**
1. The permittee shall report to the Air Pollution Control Program Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after the end of the month during which the emission unit(s) exceeded the emission limitation(s).
2. The permittee shall report any deviations from the limitations, standards, test methods and procedures, monitoring, recordkeeping, and reporting requirements of this permit condition in the semi-annual monitoring report and annual compliance certification required by Section V of this permit.

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Description</th>
<th>Manufacturer/Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>P07</td>
<td>5.5 MW Dual Fuel Fired Turbine, 2004</td>
<td>Solar, Taurus 60-7801</td>
</tr>
<tr>
<td>P08</td>
<td>Generator Unit #6 – 1.2 MW Diesel Engine, 2004</td>
<td>Caterpillar, 3512B</td>
</tr>
</tbody>
</table>

**Emission Limitation:**
The permittee shall not discharge into the atmosphere from the 5.5 MW Combustion Turbine (EP-7) and 1.2 MW Engine (EP-8) carbon monoxide (CO) in excess of 100 tons in any consecutive 12-month period. [Special Condition #1.B.]

**Monitoring/recordkeeping:**
The permittee shall keep monthly records that are adequate to determine the monthly and 12-month rolling total CO emissions from the Combustion Turbine and Engine. The recordkeeping shall utilize the emission rates developed during the compliance testing. Attachment B, or equivalent forms of the permittee’s own design approved by the APCP, are suitable for this purpose. The most recent 60 months of records shall be maintained on-site and shall be made immediately available to Missouri Department of Natural Resources personnel upon request. [Special Condition #1.C.]

**Operational Limitation:**
1. No fuels other than natural gas or distillate fuel oil #2 shall be combusted in the Combustion Turbine and no fuels other than distillate fuel oil #2 shall be combustion in the Engine at any time at this site. [Special Condition #2.A.]
2. Overhauled Turbines used in the exchange program must have the identical horsepower, heat rate, and emissions characteristics as the turbines being replaced. [Special Condition #2.B.]
Reporting:
1. The permittee shall report to the Air Pollution Control Program Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after the end of the month during which the emission unit(s) exceeded the emission limitation(s).
2. The permittee shall report any deviations from the limitations, standards, test methods and procedures, monitoring, recordkeeping, and reporting requirements of this permit condition in the semi-annual monitoring report and annual compliance certification required by Section V of this permit.

PERMIT CONDITION 4
10 CSR 10-6.060 Construction Permits Required
Construction Permit #0795-023A, Issued June 12, 1997
40 CFR Part 60, Subpart GG, Standards of Performance for Stationary Gas Turbines

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Description</th>
<th>Manufacturer/Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>P04A</td>
<td>Dual Fuel Fired Twin-Pac Turbine – Side A, 1996</td>
<td>GTC, FT4-A9</td>
</tr>
<tr>
<td>P04B</td>
<td>Dual Fuel Fired Twin-Pac Turbine – Side A, 1996</td>
<td>GTC, FT4-A9</td>
</tr>
</tbody>
</table>

Emission Limitation:
1. The permittee shall use Best Available Control Technology (BACT) for the emissions of nitrogen oxides from the operation of the turbines (P04A and P04B) at all load conditions is set at 42 parts per million (ppm) by volume, one-hour rolling average, corrected to fifteen (15) percent oxygen (O₂) when burning natural gas. This shall be achieved by using water injection. [Special Condition #1]
2. The permittee shall use BACT for emissions of nitrogen oxides from the operation of these turbines at all load conditions is set at 75 ppm by volume, one-hour rolling average, corrected to fifteen (15) percent oxygen (O₂) when burning Number 2 fuel oil. This shall be achieved by using water injection. [Special Condition #2]
3. The permittee is exempt from Emission Limitations 1 and 2 when ice fog is deemed a traffic hazard by the permittee. “Ice fog” is defined as an atmospheric suspension of highly reflective ice crystals. [Special Condition #12]
4. During period of drought, the permittee may apply to the Air Pollution Control Program’s Compliance/Enforcement Section for an exemption from using water injection as stated in Emission Limitations 1 and 2. If the turbines are in operation, water injection must be continued until the exemption is granted. [Special Condition #13]
5. The permittee shall set BACT for the emissions of sulfur dioxide from the operation of these turbines by limiting the sulfur content of the fuel to 0.25% sulfur by weight or less. [Special Condition #5]

Operational Limitations:
1. The combined hours of operation for both sides of the turbine shall not total more than 8,000 hours per 12-month period. This operating restriction is established on a rolling 12-month basis, with the end of each month establishing a new yearly period. [Special Condition #3]
2. The permittee shall not combust fuels other than natural gas or No. 2 fuel oil in the turbines at any time. [Special Condition #5]
**Monitoring/Recordkeeping:**

1. Records shall be kept on-site which detail the number of hours each turbine is operated, on a per-month basis using Attachment G, or equivalent forms of the permittee’s own design approved by the APCP, are suitable for this purpose. To comply with this condition, instruments shall be installed, and maintained in operable condition, that will record the total number of hours each turbine is in operation. This information shall be kept on-site and made available upon request. [Special Condition #3]

2. The permittee shall operate a continuous monitoring system to monitor and record the fuel consumption and the ratio of water to fuel being fired in the turbines. This system shall be accurate to within ±5 percent, and shall be approved by the Air Pollution Control Program Director. [Special Condition #6]

3. *When burning natural gas as a fuel* – The permittee may elect not to monitor the total sulfur content of the gaseous fuel combusted in the turbine, if the gaseous fuel is demonstrated to meet the definition of natural gas in §60.331(u). The permittee shall use one of the following sources of information to make the required demonstration: [§60.334(h)(3)]
   a) The gas quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the gaseous fuel, specifying that the maximum total sulfur content of the fuel is 20.0 grains/100 scf or less; or [§60.334(h)(3)(i)]
   b) Representative fuel sampling data which show that the sulfur content of the gaseous fuel does not exceed 20 grains/100 scf. At a minimum, the amount of fuel sampling data specified in Section 2.3.1.4 or 2.3.2.4 of appendix D to 40 CFR Part 75 is required. [§60.334(h)(3)(ii)]

4. *When burning Fuel Oil No. 2* – For fuel oil, use one of the total sulfur sampling options and the associated sampling frequency described in Sections 2.2.3, 2.2.4.1, 2.2.4.2, and 2.2.4.3 of appendix D to 40 CFR Part 75 (i.e., flow proportional sampling, daily sampling, sampling from the unit’s storage tank after each addition of fuel to the tank, or sampling each delivery prior to combining it with fuel oil already in the intended storage tank). [§60.334(h)(4)(i)(1)]

5. The permittee shall maintain on-site for five years any compliance test reports, quality assurance checks for the monitoring system, and all other records required by this operating permit. [Special Condition #17]

6. The permittee shall maintain records demonstrating the sulfur content weight percent from one of the methods referenced in §60.334(h)(4)(i)(1). This information shall be kept on-site and be made available upon request.

7. The permittee shall keep monthly records that keep the monthly and 12-month rolling totals of hours of operation for P04A and P04B. Attachment F, or equivalent forms of the permittee’s own design approved by the APCP, are suitable for this purpose. The most recent 60 months of records shall be maintained on-site and shall be made available to Missouri Department of Natural Resources’ personnel upon request.

**Reporting:**

1. The permittee shall report to the Air Pollution Control Program’s Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after the end of the month during which the emission unit(s) exceeded the emission limitation(s).

2. The permittee shall report any deviations from the limitations, standards, test methods and procedures, monitoring, recordkeeping, and reporting requirements of this permit condition in the semi-annual monitoring report and annual compliance certification required by Section V of this permit.
3. The permittee shall report to the Director no later than ten (10) days after the end of each month, if the 12-month rolling total shows that the source exceeded 8,000 hours of operation during any 12-month period for both turbines combined. [Special Condition #14]

4. The permittee shall notify the Director at least 24 hours in advance of the shutdown of any control equipment and, if the shutdown would cause an increase in the emission of air contaminants, of a shutdown of any process equipment. At the time of notifications, the permittee shall also notify the Director of the cause of the shutdown and the estimated durations. The permittee shall notify the Director when the shutdown is over. [Special Condition #19]

5. The permittee shall notify the Director within 24 hours after a breakdown of more than one-hour duration of any control equipment and, if the breakdown would cause an increase in the emission of air contaminants, of a breakdown of any process equipment. At the time of notification, the permittee shall also notify the Director of the cause of the breakdown and the estimated duration. The permittee shall notify the director when the breakdown is over. [Special Condition #20]

6. In any shutdown or breakdown, the permittee shall immediately take all practical steps to modify operations to reduce the emission of air contaminants. The Director may require feasible and practical modifications in the operation to reduce emissions of air contaminants. [Special Condition #21]

**PERMIT CONDITION 5**

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Description</th>
<th>Manufacturer/Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>P04A</td>
<td>Dual Fuel Fired Twin-Pac Turbine – Side A, 1996</td>
<td>GTC, FT4-A9</td>
</tr>
<tr>
<td>P04B</td>
<td>Dual Fuel Fired Twin-Pac Turbine – Side A, 1996</td>
<td>GTC, FT4-A9</td>
</tr>
</tbody>
</table>

*The Clean Air Interstate Rule (CAIR) has recently been replaced by the Cross State Air Pollution Rule (CSAPR), however a CAIR Permit is being issued to this installation because the CAIR regulations have not been removed from the Missouri State Implementation Plan (SIP) at this time. Once the CAIR regulations are removed from the SIP, the CAIR permit can be removed from the operating permit. Higginsville Municipal Power Plant is not required to hold CAIR allowances and therefore no violation of CAIR is possible.*

**Emission Limitation:**

The permittee shall obtain a CAIR Source Permit for the combustion turbine generator P04A & P04B.

A CAIR Permit (Missouri Department of Natural Resources project 2014-10-055, ORIS Code 2131) is being issued to the permittee in conjunction with this Title V permit. (Attachment D)

**Monitoring/Recordkeeping:**

The permittee shall retain the most current CAIR permit issued to this installation on-site and shall immediately make such permit available to any Missouri Department of Natural Resources’ personnel upon request.

**Reporting:**

The permittee shall report any deviations of this permit condition to the Air Pollution Control Program’s Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than the semi-
annual monitoring report and annual compliance certification, as required by 10 CSR 10-6.065(6)(C)(1.C.(III)).

PERMIT CONDITION 6
10 CSR 10-6.070 New Source Performance Regulations
40 CFR Part 60 Subpart GG Standards of Performance for Stationary Gas Turbines

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Description</th>
<th>Manufacturer/Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>P07</td>
<td>5.5 MW Dual Fuel Fired Turbine, 2004</td>
<td>Solar, Taurus 60-7801</td>
</tr>
</tbody>
</table>

Emission Limitation:
1. Standard for Nitrogen Oxides: The permittee shall not exceed 167.05 ppmv of NOx emissions at 15% O2 dry basis in the exit gas stream of the stationary gas turbine as determined by Subpart GG, §60.332(a)(2).
2. Standard for Sulfur Dioxide:
   a) The permittee shall not cause to be discharged into the atmosphere from this unit any gases which contain sulfur dioxide in excess of 0.015 percent by volume at 15 percent oxygen and on a dry basis, [§60.333(a)] or
   b) The permittee shall not burn fuel in this unit which contains sulfur in excess of 0.8 percent by weight (8,000 ppmw). [§60.333(b)]

Monitoring/Recordkeeping:
1. The permittee shall maintain an accurate record of the sulfur content of fuel used. For fuel oil, use one of the total sulfur sampling options and the associated sampling frequency described in Sections 2.2.3, 2.2.4.1, 2.2.4.2, and 2.2.4.3 of appendix D to 40 CFR Part 75 (i.e., flow proportional sampling, daily sampling, sampling from the unit’s storage tank after each addition of fuel to the tank, or sampling each delivery prior to combining it with fuel oil already in the intended storage tank). [§60.334(h)(4)(i)(1)]
2. The permittee shall maintain records demonstrating the sulfur content weight percent from one of the methods referenced in §60.334(h)(4)(i)(1). This information shall be kept on-site and be made available upon request.
3. The permittee shall maintain and make available on request, records detailing the quantity of fuel consumed and the ration of water to fuel being fired in the turbines as recorded by the continuous monitoring system.
4. The permittee shall keep all records on-site for a minimum of five years

Reporting:
1. The permittee shall report to the Air Pollution Control Program’s Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after the permittee determined that the emission unit(s) exceeded the emission limitation(s).
2. The permittee shall report any deviations from the limitations, standards, test methods and procedures, monitoring, recordkeeping, and reporting requirements of this permit condition in the semi-annual monitoring report and annual compliance certification required by Section V of this permit.
PERMIT CONDITION 7
10 CSR 10-6.075 Maximum Achievable Control Technology Regulations
Stationary Reciprocating Internal Combustion Engines

<table>
<thead>
<tr>
<th>EIQ Reference #</th>
<th>Description</th>
<th>Manufacturer/Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>P08</td>
<td>Generator Unit #6: 1,445 kW diesel fired generator; 1,940 Hp; MHDR 12.37 MMBtu/hr; installed May 2004</td>
<td>Caterpillar</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Engine Category</th>
<th>Description</th>
<th>Date Constructed</th>
<th>Compliance Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing Non-Emergency CI &gt; 500 Hp</td>
<td>Monitoring, Installation, Collection, Operation and Maintenance Requirements</td>
<td>May 2004</td>
<td>Initial Compliance</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Work Practice Standards</th>
<th>Notification Requirements</th>
<th>Work Practice Standards</th>
<th>Recordkeeping Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table 2d of MACT ZZZZ, Item #3</td>
<td>§63.6645(a), (g), &amp; (h)</td>
<td>§63.6640(a)</td>
<td>§63.6655(a), (b), and (d)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fuel Requirements</th>
<th>Reporting Requirements</th>
<th>Performance Tests</th>
<th>General Provisions (40 CFR part 63)</th>
</tr>
</thead>
<tbody>
<tr>
<td>§63.6604(a)</td>
<td>§63.6650(a) &amp; (b)</td>
<td>§63.6620(a)</td>
<td>§63.7(b) and (c), §63.8(e), (f)(4) and (f)(6), and §63.9(b)-(e), (g) and (h).</td>
</tr>
</tbody>
</table>

**Emission Limitations:**

1) The permittee must: [§63.6603(a)]
   a) Limit the concentration of Carbon Monoxide (CO) in the stationary RICE exhaust to 23 ppmvd at fifteen percent (15%) Oxygen (O₂); or
   b) Reduce the CO emissions by seventy percent (70%) or more.

2) At all times the permittee must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the permittee to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. [§63.6605(b)]

**Operational Limitations:**

1) The permittee must maintain the catalyst so that the pressure drop across the catalyst does not change by more than two (2) inches of water from the pressure drop across the catalyst that was measured during the initial performance test. [§63.6603(a)]
2) The permittee must maintain the temperature of the stationary RICE exhaust so that the catalyst inlet temperature is greater than or equal to 450 °F and less than or equal to 1350 °F. [§63.6603(a)]

3) The permittee must use diesel fuel that meets the requirements in 40 CFR 80.510(b) for non-road diesel fuel. [§63.6604(a)]
   a) Sulfur Content: 15 ppm maximum;
   b) Minimum cetane index of 40; and
   c) Maximum aromatic content of 35 volume percent.

Subsequent Performance Testing:
1) The permittee must conduct each applicable performance test in Table 3 and 4 of MACT ZZZZ every 8,760 hours or three (3) years, whichever comes first. [§63.6620(a)]

<table>
<thead>
<tr>
<th>For each . . .</th>
<th>Complying with the requirement to . . .</th>
<th>You must . . .</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. New or reconstructed 2SLB stationary RICE &gt;500 HP located at major sources; new or reconstructed 4SLB stationary RICE ≥250 HP located at major sources; and new or reconstructed CI stationary RICE &gt;500 HP located at major sources</td>
<td>Reduce CO emissions and not using a CEMS</td>
<td>Conduct subsequent performance tests semiannually.¹</td>
</tr>
<tr>
<td>2. 4SRB stationary RICE ≥5,000 HP located at major sources</td>
<td>Reduce formaldehyde emissions</td>
<td>Conduct subsequent performance tests semiannually.¹</td>
</tr>
<tr>
<td>3. Stationary RICE &gt;500 HP located at major sources and new or reconstructed 4SLB stationary RICE 250≤HP≤500 located at major sources</td>
<td>Limit the concentration of formaldehyde in the stationary RICE exhaust</td>
<td>Conduct subsequent performance tests semiannually.¹</td>
</tr>
<tr>
<td>4. Existing non-emergency, non-black start CI stationary RICE &gt;500 HP that are not limited use stationary RICE</td>
<td>Limit or reduce CO emissions and not using a CEMS</td>
<td>Conduct subsequent performance tests every 8,760 hours or 3 years, whichever comes first.</td>
</tr>
<tr>
<td>5. Existing non-emergency, non-black start CI stationary RICE &gt;500 HP that are limited use stationary RICE</td>
<td>Limit or reduce CO emissions and not using a CEMS</td>
<td>Conduct subsequent performance tests every 8,760 hours or 5 years, whichever comes first.</td>
</tr>
</tbody>
</table>

¹ After you have demonstrated compliance for two consecutive tests, you may reduce the frequency of subsequent performance tests to annually. If the results of any subsequent annual performance test indicate the stationary RICE is not in compliance with the CO or formaldehyde emission limitation, or you deviate from any of your operating limitations, you must resume semiannual performance tests.

2) Each performance test must be conducted according to the requirements in Table 4 of MACT ZZZZ. If the permittee owns or operates a non-operational stationary RICE that is subject to performance

¹ Sources can petition the Administrator pursuant to the requirements of 40 CFR 63.8(f) for a different temperature range.
testing, the permittee does not need to start up the engine solely to conduct the performance test. The permittee can conduct the performance test when the engine is started up again. [§63.6620(b)]

3) The permittee must conduct three separate test runs for each performance test required by this section, as specified in §63.7(e)(3). Each test run must last at least one (1) hour, unless otherwise specified in MACT ZZZZ. [§63.6620(d)]

4) The engine percent load during a performance test must be determined by documenting the calculations, assumptions, and measurement devices used to measure or estimate the percent load in a specific application. A written report of the average percent load determination must be included in the notification of compliance status. The following information must be included in the written report: the engine model number, the engine manufacturer, the year of purchase, the manufacturer's site-rated brake horsepower, the ambient temperature, pressure, and humidity during the performance test, and all assumptions that were made to estimate or calculate percent load during the performance test must be clearly explained. If measurement devices such as flow meters, kilowatt meters, beta analyzers, strain gauges, etc. are used, the model number of the measurement device, and an estimate of its accurate in percentage of true value must be provided. [§63.6620(i)]

**Continuous Compliance:**

1. The permittee must comply with emission and operating limitations by monitoring and collecting data according to §63.6635. [§63.6635(a)]

2. Except for monitor malfunctions, associated repairs, required performance evaluations. And required quality assurance or control activities, the permittee must monitor continuously at all times that the stationary RICE is operating. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions. [§63.6635(b)]

3. The permittee may not use data recorded during malfunctions, associated repairs, and required quality assurance or control activities in data averages and calculations used to report emission or operating levels. The permittee must, however, use all the valid data collected during all other periods. [§63.6635(c)]

4. The permittee must demonstrate continuous compliance with each emission limitation, operating limitation, and other requirements in Tables 2b and Table 2d to MACT ZZZZ that apply according to methods specified in Table 6 of MACT ZZZZ. [§63.6640(a)]

5. The permittee must report each instance in which emission limitations or operating limitations in Tables 2b and Table 2d of MACT ZZZZ that apply were not met. These instances are deviations from the emission and operating limitations in MACT ZZZZ. These deviations must be reported according to the requirements in §63.550. If the catalyst is changed, the permittee must reestablish the values of the operating parameters measured during the initial performance test. When the values of the operating parameters are reestablished, the permittee must also conduct a performance test to demonstrate that the applicable required emission limitations are being met. [§63.6640(a)]

6. The permittee must also report each instance in which the requirements in Table 8 to MACT ZZZZ that apply were not met. [§63.6640(e)]

**Monitoring:**

1. The permittee must install, operate, and maintain each continuous parameter monitoring system (CPMS) according to the requirements below: [§63.6625(b)]

   a) The permittee must prepare a site-specific monitoring plan that addresses the monitoring system design, data collection, and the quality assurance and quality control elements outlined in...
paragraphs §63.6625(b)(i) through (v) and in §63.8(d), as specified in §63.8(f)(4), the permittee may request approval of monitoring system quality assurance and quality control procedures alternative to those specified in paragraphs §§63.6625(b)(1) through (5) in your site-specific monitoring plan. [§63.6625(b)(1)]

i. The performance criteria and design specifications for the monitoring system equipment, including the sample interface, detector signal analyzer, and data acquisition and calculations; [§63.6625(b)(1)(i)]

ii. Sampling interface (e.g., intercouple) location such that the monitoring system will provide representative measurements; [§63.6625(b)(1)(ii)]

iii. Equipment performance evaluations, system accuracy audits, or other audit procedures; [§63.6625(b)(1)(iii)]

iv. Ongoing operation and maintenance procedures in accordance with provisions in §63.8(c)(1)(ii) and (c)(3); and [§63.6625(b)(1)(iv)]

v. Ongoing reporting and recordkeeping procedures in accordance with provisions in 63.10(c), (e)(1), and (e)(2)(i). [§63.6625(b)(1)(v)]

b) The permittee must install, operate, and maintain each CPMS in continuous operation according to the procedures in the site-specific monitoring plan. [§63.6625(b)(2)]

c) The CPMS must collect data at least once every 15 minutes. [§63.6625(b)(3)]

d) For a CPMS for measuring temperature range, the temperature sensor must have a minimum tolerance of 2.8 degrees Celsius (5 degrees Fahrenheit) or 1 percent of the measurement range, whichever is larger. [§63.6625(b)(4)]

e) The permittee must conduct the CPMS equipment performance evaluation, system accuracy audits, or other audit procedures specified in the site-specific monitoring plan at least annually. [§63.6625(b)(5)]

f) The permittee must conduct a performance evaluation of each CPMS in accordance with the site-specific monitoring plan. [§63.6625(b)(6)]

2. The permittee owns or operates an existing non-emergency, non-black start CI engine greater than or equal to 300 HP that is not equipped with a closed case crankcase ventilation system, the permittee must comply with either §63.6625(g)(1) or (2). The permittee must follow the manufacturer’s specified maintenance requirements for operating and maintaining the open or closed crankcase ventilation system and replacing the crankcase filters, or can request the Administrator to approve different maintenance requirements that are as protective as manufacturer requirements. [§63.6625(g)]

a) Install a closed crankcase ventilation system that prevents crankcase emissions from being emitted to the atmosphere; or [§63.6625(g)(1)]

b) Install an open crankcase filtration emission control system that reduces emissions from the crankcase by filtering the exhaust stream to remove oil mist, particulates, and metals. [§63.6625(g)(2)]

3. The permittee must minimize the engine’s time spent at idle during startup and minimize the engine’s startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup in Table 2d of MACT ZZZZ apply. [§63.6625(h)]

Recordkeeping:
1. The permittee must keep the following records: [§63.6655(a)]
a) A copy of each notification and report that was submitted to comply with MACT ZZZZ, including all documentation supporting any Initial Notification or Notification of Compliance Status that was submitted, according to the requirements of §63.10(b)(2)(xiv). [§63.6655(a)(1)]

b) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. [§63.6655(a)(2)]

c) Records of performance tests and performance evaluations as required in §63.10(b)(2)(viii). [§63.6655(a)(3)]

d) Records of all required maintenance performed on the air pollution control and monitoring equipment. [§63.6655(a)(4)]

e) Records of actions taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [§63.6655(a)(5)]

2. For each CPMS, the permittee must keep the following records: [§63.6655(b)]

a) Records described in §63.10(b)(2)(vi) through (xi). [§63.6655(b)(1)]

b) Previous (i.e., superseded) versions of the performance evaluation plan as required in §63.8(d)(3). [§63.6655(b)(2)]

c) Requests for alternatives to the relative accuracy test for CPMS as required in §63.8(f)(6)(i), if applicable. [§63.6655(b)(3)]

3. The permittee must keep the records required in Table 6 of MACT ZZZZ to show continuous compliance with each emission or operating limitation that applies. [§63.6655(d)]

4. The permittee must keep records of the maintenance conducted on the stationary RICE in order to demonstrate that the permittee operated and maintained the stationary RICE and after-treatment control device (if any) according to the maintenance plan.

5. All records shall be made available immediately for inspection to the Department of Natural Resources’ personnel upon request.

6. The permittee must keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to §63.10(b)(1).

**Reporting:**

1. The permittee must submit all of the notifications in §63.7(b) and (c), 63.8(e), f(4) and (f)(6), 63.9(b) through (e), and (g) and (h) that apply by the dates specified. [§63.6645(a)(2)]

2. The permittee must submit a Notification of Intent to conduct a performance test at least 60 days before the performance test is scheduled to begin as required in 63.7(b)(1). [§63.6645(g)]

3. The permittee must submit a Notification of Compliance Status according to §63.9(h)(2)(ii) for each initial compliance demonstration required in Table 5 of MACT ZZZZ that included a performance test conducted according to the requirements in Table 3 of MACT ZZZZ. The notification must include the performance test results, before the close of business on the 60th day following the completion of the performance test according to §63.10(d)(2). [§63.6645(h)(2)]

4. The permittee must submit a: [§63.6650(a)]

a) Semiannual compliance report according to the requirements in §63.6650(b)(1)-(5) if there are no deviations from any emission limitations or operating limitations that apply. The report must contain a statement that there were no deviations from the emission limitations or operating limitations during the reporting period. If there were no periods during which the CMS, including CEMS and CPMS, was out-of-control, as specified in §63.8(c)(7), a statement that
there were not periods during which the CMS was out-of-control during the reporting period must be included; or
b) Semiannual compliance report according to the requirements in §63.6650(b) if there was a deviation from any emission limitation or operating limitation during the reporting period. The report must contain the information in §63.6650(d). If there were periods during which the CMS, including CEMS and CPMS, was out-of-control, as specified in §63.8(c)(7), the information in §63.6650(e) must be included; or

c) Semiannual compliance report according to the requirements in §63.6650(b) if there was a malfunction during the reporting period. The report must contain the information in §63.6650(c)(4).

5. Unless the Administrator has approved a different schedule for submission of reports under §63.10(a), the permittee must submit each semiannual compliance report according to the following requirements: [§63.6650(b)]
a) For semiannual Compliance reports, the first Compliance report must cover the period beginning on the compliance date that is specified for the affected source in §63.6595 and ending on June 30 or December 31, whichever date is the first date following the end of the first calendar half after the compliance date that is specified for the source in §63.6595. [§63.6650(b)(1)]

b) For semiannual Compliance reports, the first Compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date follows the end of the first calendar half after the compliance date that is specified for the affected source in §63.6595. [§63.6650(b)(2)]

c) For semiannual Compliance reports, each subsequent Compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31. [§63.6650(b)(3)]

d) For semiannual Compliance reports, each subsequent Compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period. [§63.6650(b)(4)]

6. The permittee shall report to the Air Pollution Control Program’s Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, and to EPA Region VII, 11201 Renner Blvd., Lenexa, KS 66219.

7. The permittee shall report any deviations/exceedance of this permit condition using the semi-annual monitoring report and annual compliance certifications to the Air Pollution Control Program’s Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as required by 10 CSR 10-6.065(6)(C)1.C.(III).

**PERMIT CONDITION 8**

40 CFR Part 63 Subpart CCCCCC National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities with Monthly Throughput of less than 10,000 Gallons per Month

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>T03</td>
<td>Gasoline Storage Tank, 500 gallons</td>
</tr>
<tr>
<td>T08</td>
<td>Gasoline storage tank (Street Department), 500 gallons</td>
</tr>
<tr>
<td>T09</td>
<td>Gasoline storage tank (Water Department), 500 gallons</td>
</tr>
<tr>
<td>T10</td>
<td>Gasoline storage tank (Parks Department), 500 gallons</td>
</tr>
</tbody>
</table>
**Operational Limitation:**
The permittee must operate and maintain the tanks, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. [§63.11115(a)]

**Management Practices:**
The permittee must not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following: [§63.11116(a)]

1. Minimize gasoline spills;
2. Clean up spills as expeditiously as practicable;
3. Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use;
4. Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.

**Reporting:**
The permittee is not required to submit notifications or reports, but the permittee must have records available within 24 hours of a request by the Administrator to document the gasoline throughput. [§63.1116(b)]

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### PERMIT CONDITION 009

<table>
<thead>
<tr>
<th>40 CFR Parts 70 and 97 Cross State Air Pollution Rule</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 CSR 10-6.372 Cross-State Air Pollution Rule Annual NOx Trading Allowance Allocations</td>
</tr>
<tr>
<td>10 CSR 10-6.374 Cross-State Air Pollution Rule Ozone Season NOx Trading Allowance Allocations</td>
</tr>
<tr>
<td>10 CSR 10-6.376 Cross-State Air Pollution Rule Annual SO2 Trading Allowance Allocations</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Description</th>
<th>Manufacturer/Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>P04A</td>
<td>Dual Fuel Fired Twin-Pac Turbine – Side A, 1996</td>
<td>GTC, FT4-A9</td>
</tr>
<tr>
<td>P04B</td>
<td>Dual Fuel Fired Twin-Pac Turbine – Side A, 1996</td>
<td>GTC, FT4-A9</td>
</tr>
</tbody>
</table>

The TR subject unit(s), and the unit-specific monitoring provisions, at this source are identified in the following table(s). These unit(s) are subject to the requirements for the TR NOx Annual Trading Program, TR NOx Ozone Season Trading Program, and TR SO2 Group 1 Trading Program.

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Continuous emission monitoring system or systems (CEMS) requirements pursuant to 40 CFR part 75, subpart B (for</th>
<th>Excluded monitoring system requirements for gas- and oil-fired units pursuant to 40 CFR part 75, appendix D</th>
<th>Excluded monitoring system requirements for gas- and oil-fired peaking units pursuant to 40 CFR part 75, appendix E</th>
<th>Low Mass Emissions excepted monitoring (LME) requirements for gas- and oil-fired units pursuant to 40 CFR part 75, appendix E</th>
<th>EPA-approved alternative monitoring system requirements pursuant to 40 CFR part 75, subpart E</th>
</tr>
</thead>
</table>
1) The above description of the monitoring used by a unit does not change, create an exemption from, or otherwise affect the monitoring, recordkeeping, and reporting requirements applicable to the unit under 40 CFR 97.430 through 97.435 (TR NOX Annual Trading Program), 97.530 through 97.535 (TR NOX Ozone Season Trading Program), and 97.630 through 97.635 (TR SO2 Group 1 Trading Program). The monitoring, recordkeeping and reporting requirements applicable to each unit are included below in the standard conditions for the applicable TR trading programs.

2) The permittee must submit to the Administrator a monitoring plan for each unit in accordance with 40 CFR 75.53, 75.62 and 75.73, as applicable. The monitoring plan for each unit is available at the EPA’s website at [http://www.epa.gov/airmarkets/emissions/monitoringplans.html](http://www.epa.gov/airmarkets/emissions/monitoringplans.html).

3) The permittee that want to use an alternative monitoring system must submit to the Administrator a petition requesting approval of the alternative monitoring system in accordance with 40 CFR part 75, subpart E and 40 CFR 75.66 and 97.435 (TR NOX Annual Trading Program), 97.535 (TR NOX Ozone Season Trading Program), and/or 97.635 (TR SO2 Group 1 Trading Program). The Administrator’s response approving or disapproving any petition for an alternative monitoring system is available on the EPA’s website at [http://www.epa.gov/airmarkets/emissions/petitions.html](http://www.epa.gov/airmarkets/emissions/petitions.html).

4) The permittee that want to use an alternative to any monitoring, recordkeeping, or reporting requirement under 40 CFR 97.430 through 97.434 (TR NOX Annual Trading Program), 97.530 through 97.534 (TR NOX Ozone Season Trading Program), and/or 97.630 through 97.634 (TR SO2 Group 1 Trading Program) must submit to the Administrator a petition requesting approval of the alternative in accordance with 40 CFR 75.66 and 97.435 (TR NOX Annual Trading Program), 97.535 (TR NOX Ozone Season Trading Program), and/or 97.635 (TR SO2 Group 1 Trading Program). The Administrator’s response approving or disapproving any petition for an alternative to a monitoring, recordkeeping, or reporting requirement is available on the EPA’s website at [http://www.epa.gov/airmarkets/emissions/petitions.html](http://www.epa.gov/airmarkets/emissions/petitions.html).

5) The descriptions of monitoring applicable to the unit included above meet the requirement of 40 CFR 97.430 through 97.434 (TR NOX Annual Trading Program), 97.530 through 97.534 (TR NOX Ozone Season Trading Program), and therefore minor permit modification procedures, in accordance with 40 CFR 70.7(e)(2)(i)(B) or 71.7(e)(1)(i)(B), may be used to add or change this unit’s monitoring system description.

### TR NOX Annual Trading Program requirements (40 CFR 97.406)

**a) Designated representative requirements.**

The permittee shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with 40 CFR 97.413 through 97.418.

**b) Emissions monitoring, reporting, and recordkeeping requirements.**

1) The permittee, and the designated representative, of each TR NOX Annual source and each TR NOX Annual unit at the source shall comply with the monitoring, reporting, and recordkeeping
requirements of 40 CFR 97.430 (general requirements, including installation, certification, and data accounting, compliance deadlines, reporting data, prohibitions, and long-term cold storage), 97.431 (initial monitoring system certification and recertification procedures), 97.432 (monitoring system out-of-control periods), 97.433 (notifications concerning monitoring), 97.434 (recordkeeping and reporting, including monitoring plans, certification applications, quarterly reports, and compliance certification), and 97.435 (petitions for alternatives to monitoring, recordkeeping, or reporting requirements).

(2) The emissions data determined in accordance with 40 CFR 97.430 through 97.435 shall be used to calculate allocations of TR NOX Annual allowances under 40 CFR 97.411(a)(2) and (b) and 97.412 and to determine compliance with the TR NOX Annual emissions limitation and assurance provisions under paragraph (c) below, provided that, for each monitoring location from which mass emissions are reported, the mass emissions amount used in calculating such allocations and determining such compliance shall be the mass emissions amount for the monitoring location determined in accordance with 40 CFR 97.430 through 97.435 and rounded to the nearest ton, with any fraction of a ton less than 0.50 being deemed to be zero.

(c) NOX emissions requirements.

(1) TR NOX Annual emissions limitation.

(i). As of the allowance transfer deadline for a control period in a given year, the owners and operators of each TR NOX Annual source and each TR NOX Annual unit at the source shall hold, in the source's compliance account, TR NOX Annual allowances available for deduction for such control period under 40 CFR 97.424(a) in an amount not less than the tons of total NOX emissions for such control period from all TR NOX Annual units at the source.

(ii). If total NOX emissions during a control period in a given year from all TR NOX Annual units at a TR NOX Annual source are in excess of the TR NOX Annual emissions limitation set forth in paragraph (c)(1)(i) above, then:

(A). The permittee of the source and each TR NOX Annual unit at the source shall hold the TR NOX Annual allowances required for deduction under 40 CFR 97.424(d); and

(B). The permittee of the source and each TR NOX Annual unit at the source shall pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act, and each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR part 97, subpart AAAAAA and the Clean Air Act.

(2) TR NOX Annual assurance provisions.

(i). If total NOX emissions during a control period in a given year from all TR NOX Annual units at TR NOX Annual sources in the state exceed the state assurance level, then the owners and operators of such sources and units in each group of one or more sources and units having a common designated representative for such control period, where the common designated representative’s share of such NOX emissions during such control period exceeds the common designated representative’s assurance level for the state and such control period, shall hold (in the assurance account established for the owners and operators of such group) TR NOX Annual allowances available for deduction for such control period under 40 CFR 97.425(a) in an amount equal to two times the product (rounded to the nearest whole number), as determined by the Administrator in accordance with 40 CFR 97.425(b), of multiplying— (A) The quotient of the amount by which the common designated representative’s share of such NOX emissions exceeds the common designated representative’s assurance level divided by the sum of the amounts, determined
for all common designated representatives for such sources and units in the state for such control period, by which each common designated representative’s share of such NOX emissions exceeds the respective common designated representative’s assurance level; and (B) The amount by which total NOX emissions from all TR NOX Annual units at TR NOX Annual sources in the state for such control period exceed the state assurance level.

(ii). The permittee shall hold the TR NOX Annual allowances required under paragraph (c)(2)(i) above, as of midnight of November 1 (if it is a business day), or midnight of the first business day thereafter (if November 1 is not a business day), immediately after such control period.

(iii). Total NOX emissions from all TR NOX Annual units at TR NOX Annual sources in the State during a control period in a given year exceed the state assurance level if such total NOX emissions exceed the sum, for such control period, of the state NOX Annual trading budget under 40 CFR 97.410(a) and the state’s variability limit under 40 CFR 97.410(b).

(iv). It shall not be a violation of 40 CFR part 97, subpart AAAAA or of the Clean Air Act if total NOX emissions from all TR NOX Annual units at TR NOX Annual sources in the State during a control period exceed the state assurance level or if a common designated representative’s share of total NOX emissions from the TR NOX Annual units at TR NOX Annual sources in the state during a control period exceeds the common designated representative’s assurance level.

(v). To the extent the permittee fails to hold TR NOX Annual allowances for a control period in a given year in accordance with paragraphs (c)(2)(i) through (iii) above,

(A). The permittee shall pay any fine, penalty, or assessment or comply with any other remedy imposed under the Clean Air Act; and

(B). Each TR NOX Annual allowance that the owners and operators fail to hold for such control period in accordance with paragraphs (c)(2)(i) through (iii) above and each day of such control period shall constitute a separate violation of 40 CFR part 97, subpart AAAAA and the Clean Air Act.

(3) Compliance periods.

(i). A TR NOX Annual unit shall be subject to the requirements under paragraph (c)(1) above for the control period starting on the later of January 1, 2015, or the deadline for meeting the unit's monitor certification requirements under 40 CFR 97.430(b) and for each control period thereafter.

(ii). A TR NOX Annual unit shall be subject to the requirements under paragraph (c)(2) above for the control period starting on the later of January 1, 2017 or the deadline for meeting the unit's monitor certification requirements under 40 CFR 97.430(b) and for each control period thereafter.

(4) Vintage of allowances held for compliance.

(i). A TR NOX Annual allowance held for compliance with the requirements under paragraph (c)(1)(i) above for a control period in a given year must be a TR NOX Annual allowance that was allocated for such control period or a control period in a prior year.

(ii). A TR NOX Annual allowance held for compliance with the requirements under paragraphs (c)(1)(ii)(A) and (2)(i) through (iii) above for a control period in a given year must be a TR NOX Annual allowance that was allocated for a control period in a prior year or the control period in the given year or in the immediately following year.

(5) Allowance Management System requirements. Each TR NOX Annual allowance shall be held in, deducted from, or transferred into, out of, or between Allowance Management System accounts in accordance with 40 CFR part 97, subpart AAAAA.
(6) Limited authorization. A TR NOX Annual allowance is a limited authorization to emit one ton of NOX during the control period in one year. Such authorization is limited in its use and duration as follows:

(i) Such authorization shall only be used in accordance with the TR NOX Annual Trading Program; and

(ii) Notwithstanding any other provision of 40 CFR part 97, the Administrator has the authority to terminate or limit the use and duration of such authorization to the extent the Administrator determines is necessary or appropriate to implement any provision of the Clean Air Act.

(7) Property right. A TR NOX Annual allowance does not constitute a property right.

(d) Title V permit revision requirements.

(1) No title V permit revision shall be required for any allocation, holding, deduction, or transfer of TR NOX Annual allowances in accordance with 40 CFR part 97, subpart AAAAA.

(2) This permit incorporates the TR emissions monitoring, recordkeeping and reporting requirements pursuant to 40 CFR 97.430 through 97.435, and the requirements for a continuous emission monitoring system (pursuant to 40 CFR part 75, subparts B and H), an excepted monitoring system (pursuant to 40 CFR part 75, appendices D and E), a low mass emissions excepted monitoring methodology (pursuant to 40 CFR 75.19), and an alternative monitoring system (pursuant to 40 CFR part 75, subpart E). Therefore, the Description of TR Monitoring Provisions table for units identified in this permit may be added to, or changed, in this title V permit using minor permit modification procedures in accordance with 40 CFR 97.406(d)(2) and 70.7(e)(2)(ii)(B) or 71.7(e)(1)(ii)(B).

(e) Additional recordkeeping and reporting requirements.

(1) Unless otherwise provided, the owners and operators of each TR NOX Annual source and each TR NOX Annual unit at the source shall keep on site at the source each of the following documents (in hardcopy or electronic format) for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the Administrator.

(i) The certificate of representation under 40 CFR 97.416 for the designated representative for the source and each TR NOX Annual unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such certificate of representation and documents are superseded because of the submission of a new certificate of representation under 40 CFR 97.416 changing the designated representative.

(ii) All emissions monitoring information, in accordance with 40 CFR part 97, subpart AAAAA.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under, or to demonstrate compliance with the requirements of, the TR NOX Annual Trading Program.

(2) The designated representative of a TR NOX Annual source and each TR NOX Annual unit at the source shall make all submissions required under the TR NOX Annual Trading Program, except as provided in 40 CFR 97.418. This requirement does not change, create an exemption from, or otherwise affect the responsible official submission requirements under a title V operating permit program in 40 CFR parts 70 and 71.
(f) Liability.
   (1) Any provision of the TR NOX Annual Trading Program that applies to a TR NOX Annual source or the designated representative of a TR NOX Annual source shall also apply to the owners and operators of such source and of the TR NOX Annual units at the source.
   (2) Any provision of the TR NOX Annual Trading Program that applies to a TR NOX Annual unit or the designated representative of a TR NOX Annual unit shall also apply to the owners and operators of such unit.

(g) Effect on other authorities.
No provision of the TR NOX Annual Trading Program or exemption under 40 CFR 97.405 shall be construed as exempting or excluding the owners and operators, and the designated representative, of a TR NOX Annual source or TR NOX Annual unit from compliance with any other provision of the applicable, approved state implementation plan, a federally enforceable permit, or the Clean Air Act.

TR NOX Ozone Season Trading Program Requirements (40 CFR 97.506)

Designated representative requirements.
The permittee shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with 40 CFR 97.513 through 97.518.

(a) Emissions monitoring, reporting, and recordkeeping requirements.
   (1) The permittee, and the designated representative, of each TR NOX Ozone Season source and each TR NOX Ozone Season unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR 97.530 (general requirements, including installation, certification, and data accounting, compliance deadlines, reporting data, prohibitions, and long-term cold storage), 97.531 (initial monitoring system certification and recertification procedures), 97.532 (monitoring system out-of-control periods), 97.533 (notifications concerning monitoring), 97.534 (recordkeeping and reporting, including monitoring plans, certification applications, quarterly reports, and compliance certification), and 97.535 (petitions for alternatives to monitoring, recordkeeping, or reporting requirements).
   (2) The emissions data determined in accordance with 40 CFR 97.530 through 97.535 shall be used to calculate allocations of TR NOX Ozone Season allowances under 40 CFR 97.511(a)(2) and (b) and 97.512 and to determine compliance with the TR NOX Ozone Season emissions limitation and assurance provisions under paragraph (c) below, provided that, for each monitoring location from which mass emissions are reported, the mass emissions amount used in calculating such allocations and determining such compliance shall be the mass emissions amount for the monitoring location determined in accordance with 40 CFR 97.530 through 97.535 and rounded to the nearest ton, with any fraction of a ton less than 0.50 being deemed to be zero.

(b) NOX emissions requirements.
   (1) TR NOX Ozone Season emissions limitation.
      (i) As of the allowance transfer deadline for a control period in a given year, the owners and operators of each TR NOX Ozone Season source and each TR NOX Ozone Season unit at the source shall hold, in the source's compliance account, TR NOX Ozone Season allowances available for deduction for such control period under 40 CFR 97.524(a) in an amount not less than the tons of total NOX emissions for such control period from all TR NOX Ozone Season units at the source.
      (ii) If total NOX emissions during a control period in a given year from the TR NOX Ozone Season units at a TR NOX Ozone Season source are in excess of the TR NOX Ozone Season emissions limitation set forth in paragraph (c)(1)(i) above, then:
(A). The permittee of the source and each TR NOX Ozone Season unit at the source shall hold the TR NOX Ozone Season allowances required for deduction under 40 CFR 97.524(d); and

(B). The permittee of the source and each TR NOX Ozone Season unit at the source shall pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act, and each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR part 97, subpart BBBBB and the Clean Air Act.

(2) TR NOX Ozone Season assurance provisions.

(i). If total NOX emissions during a control period in a given year from all TR NOX Ozone Season units at TR NOX Ozone Season sources in the state exceed the state assurance level, then The permittee of such sources and units in each group of one or more sources and units having a common designated representative for such control period, where the common designated representative’s share of such NOX emissions during such control period exceeds the common designated representative’s assurance level for the state and such control period, shall hold (in the assurance account established for the owners and operators of such group) TR NOX Ozone Season allowances available for deduction for such control period under 40 CFR 97.525(a) in an amount equal to two times the product (rounded to the nearest whole number), as determined by the Administrator in accordance with 40 CFR 97.525(b), of multiplying—

(A). The quotient of the amount by which the common designated representative’s share of such NOX emissions exceeds the common designated representative’s assurance level divided by the sum of the amounts, determined for all common designated representatives for such sources and units in the state for such control period, by which each common designated representative’s share of such NOX emissions exceeds the respective common designated representative’s assurance level; and

(B). The amount by which total NOX emissions from all TR NOX Ozone Season units at TR NOX Ozone Season sources in the state during a control period in a given year exceed the state assurance level.

(ii). The permittee shall hold the TR NOX Ozone Season allowances required under paragraph (c)(2)(i) above, as of midnight of November 1 (if it is a business day), or midnight of the first business day thereafter (if November 1 is not a business day), immediately after such control period.

(iii). Total NOX emissions from all TR NOX Ozone Season units at TR NOX Ozone Season sources in the state during a control period in a given year exceed the state assurance level if such total NOX emissions exceed the sum, for such control period, of the State NOX Ozone Season trading budget under 40 CFR 97.510(a) and the state’s variability limit under 40 CFR 97.510(b).

(iv). It shall not be a violation of 40 CFR part 97, subpart BBBBB or of the Clean Air Act if total NOX emissions from all TR NOX Ozone Season units at TR NOX Ozone Season sources in the state during a control period exceed the state assurance level or if a common designated representative’s share of total NOX emissions from the TR NOX Ozone Season units at TR NOX Ozone Season sources in the state during a control period exceeds the common designated representative’s assurance level.

(v). To the extent the permittee fails to hold TR NOX Ozone Season allowances for a control period in a given year in accordance with paragraphs (c)(2)(i) through (iii) above,
(A). The permittee shall pay any fine, penalty, or assessment or comply with any other remedy imposed under the Clean Air Act; and

(B). Each TR NO\textsubscript{X} Ozone Season allowance that the permittee fails to hold for such control period in accordance with paragraphs (c)(2)(i) through (iii) above and each day of such control period shall constitute a separate violation of 40 CFR part 97, subpart BBBBB and the Clean Air Act.

(3) Compliance periods.
(i). A TR NO\textsubscript{X} Ozone Season unit shall be subject to the requirements under paragraph (c)(1) above for the control period starting on the later of May 1, 2015 or the deadline for meeting the unit's monitor certification requirements under 40 CFR 97.530(b) and for each control period thereafter.

(ii). A TR NO\textsubscript{X} Ozone Season unit shall be subject to the requirements under paragraph (c)(2) above for the control period starting on the later of May 1, 2017 or the deadline for meeting the unit's monitor certification requirements under 40 CFR 97.530(b) and for each control period thereafter.

(4) Vintage of allowances held for compliance.
(i). A TR NO\textsubscript{X} Ozone Season allowance held for compliance with the requirements under paragraph (c)(1)(i) above for a control period in a given year must be a TR NO\textsubscript{X} Ozone Season allowance that was allocated for such control period or a control period in a prior year.

(ii). A TR NO\textsubscript{X} Ozone Season allowance held for compliance with the requirements under paragraphs (c)(1)(ii)(A) and (2)(i) through (iii) above for a control period in a given year must be a TR NO\textsubscript{X} Ozone Season allowance that was allocated for a control period in a prior year or the control period in the given year or in the immediately following year.

(5) Allowance Management System requirements. Each TR NO\textsubscript{X} Ozone Season allowance shall be held in, deducted from, or transferred into, out of, or between Allowance Management System accounts in accordance with 40 CFR part 97, subpart BBBBB.

(6) Limited authorization. A TR NO\textsubscript{X} Ozone Season allowance is a limited authorization to emit one ton of NO\textsubscript{X} during the control period in one year. Such authorization is limited in its use and duration as follows:
(i). Such authorization shall only be used in accordance with the TR NO\textsubscript{X} Ozone Season Trading Program; and

(ii). Notwithstanding any other provision of 40 CFR part 97, subpart BBBBB, the Administrator has the authority to terminate or limit the use and duration of such authorization to the extent the Administrator determines is necessary or appropriate to implement any provision of the Clean Air Act.

(7) Property right. A TR NO\textsubscript{X} Ozone Season allowance does not constitute a property right.

c) Title V permit revision requirements.
(1) No title V permit revision shall be required for any allocation, holding, deduction, or transfer of TR NO\textsubscript{X} Ozone Season allowances in accordance with 40 CFR part 97, subpart BBBBB.

(2) This permit incorporates the TR emissions monitoring, recordkeeping and reporting requirements pursuant to 40 CFR 97.530 through 97.535, and the requirements for a continuous emission monitoring system (pursuant to 40 CFR part 75, subparts B and H), an excepted monitoring system (pursuant to 40 CFR part 75, appendices D and E), a low mass emissions excepted monitoring methodology (pursuant to 40 CFR 75.19), and an alternative monitoring system (pursuant to 40 CFR part 75, subpart E). Therefore, the Description of TR Monitoring Provisions table for units identified in this permit may be added to, or changed, in this title V
permit using minor permit modification procedures in accordance with 40 CFR 97.506(d)(2) and 70.7(e)(2)(i)(B) or 71.7(e)(1)(i)(B).

(d) Additional recordkeeping and reporting requirements.

(1) Unless otherwise provided, the permittee of each TR NOX Ozone Season source and each TR NOX Ozone Season unit at the source shall keep on site at the source each of the following documents (in hardcopy or electronic format) for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the Administrator.

(i) The certificate of representation under 40 CFR 97.516 for the designated representative for the source and each TR NOX Ozone Season unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such certificate of representation and documents are superseded because of the submission of a new certificate of representation under 40 CFR 97.516 changing the designated representative.

(ii) All emissions monitoring information, in accordance with 40 CFR part 97, subpart BBBB.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under, or to demonstrate compliance with the requirements of, the TR NOX Ozone Season Trading Program.

(2) The designated representative of a TR NOX Ozone Season source and each TR NOX Ozone Season unit at the source shall make all submissions required under the TR NOX Ozone Season Trading Program, except as provided in 40 CFR 97.518. This requirement does not change, create an exemption from, or otherwise affect the responsible official submission requirements under a title V operating permit program in 40 CFR parts 70 and 71.

(e) Liability.

(1) Any provision of the TR NOX Ozone Season Trading Program that applies to a TR NOX Ozone Season source or the designated representative of a TR NOX Ozone Season source shall also apply to the owners and operators of such source and of the TR NOX Ozone Season units at the source.

(2) Any provision of the TR NOX Ozone Season Trading Program that applies to a TR NOX Ozone Season unit or the designated representative of a TR NOX Ozone Season unit shall also apply to the owners and operators of such unit.

(f) Effect on other authorities.

No provision of the TR NOX Ozone Season Trading Program or exemption under 40 CFR 97.505 shall be construed as exempting or excluding the permittee, and the designated representative, of a TR NOX Ozone Season source or TR NOX Ozone Season unit from compliance with any other provision of the applicable, approved state implementation plan, a federally enforceable permit, or the Clean Air Act.

TR SO₂ Group 1 Trading Program requirements (40 CFR 97.606)

(a) Designated representative requirements.

The permittee shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with 40 CFR 97.613 through 97.618.

(b) Emissions monitoring, reporting, and recordkeeping requirements.

(1) The permittee, and the designated representative, of each TR SO₂ Group 1 source and each TR SO₂ Group 1 unit at the source shall comply with the monitoring, reporting, and recordkeeping
requirements of 40 CFR 97.630 (general requirements, including installation, certification, and data accounting, compliance deadlines, reporting data, prohibitions, and long-term cold storage), 97.631 (initial monitoring system certification and recertification procedures), 97.632 (monitoring system out-of-control periods), 97.633 (notifications concerning monitoring), 97.634 (recordkeeping and reporting, including monitoring plans, certification applications, quarterly reports, and compliance certification), and 97.635 (petitions for alternatives to monitoring, recordkeeping, or reporting requirements).

(2) The emissions data determined in accordance with 40 CFR 97.630 through 97.635 shall be used to calculate allocations of TR SO₂ Group 1 allowances under 40 CFR 97.611(a)(2) and (b) and 97.612 and to determine compliance with the TR SO₂ Group 1 emissions limitation and assurance provisions under paragraph (c) below, provided that, for each monitoring location from which mass emissions are reported, the mass emissions amount used in calculating such allocations and determining such compliance shall be the mass emissions amount for the monitoring location determined in accordance with 40 CFR 97.630 through 97.635 and rounded to the nearest ton, with any fraction of a ton less than 0.50 being deemed to be zero.

(c) SO₂ emissions requirements.

(1) TR SO₂ Group 1 emissions limitation.

(i). As of the allowance transfer deadline for a control period in a given year, the owners and operators of each TR SO₂ Group 1 source and each TR SO₂ Group 1 unit at the source shall hold, in the source's compliance account, TR SO₂ Group 1 allowances available for deduction for such control period under 40 CFR 97.624(a) in an amount not less than the tons of total SO₂ emissions for such control period from all TR SO₂ Group 1 units at the source.

(ii). If total SO₂ emissions during a control period in a given year from the TR SO₂ Group 1 units at a TR SO₂ Group 1 source are in excess of the TR SO₂ Group 1 emissions limitation set forth in paragraph (c)(1)(i) above, then:

(A). The permittee of the source and each TR SO₂ Group 1 unit at the source shall hold the TR SO₂ Group 1 allowances required for deduction under 40 CFR 97.624(d); and

(B). The permittee of the source and each TR SO₂ Group 1 unit at the source shall pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act, and each ton of such excess emissions and each day of such control period shall constitute a separate violation 40 CFR part 97, subpart CCCCC and the Clean Air Act.

(2) TR SO₂ Group 1 assurance provisions.

(i). If total SO₂ emissions during a control period in a given year from all TR SO₂ Group 1 units at TR SO₂ Group 1 sources in the state exceed the state assurance level, then the permittee of such sources and units in each group of one or more sources and units having a common designated representative for such control period, where the common designated representative’s share of such SO₂ emissions during such control period exceeds the common designated representative’s assurance level for the state and such control period, shall hold (in the assurance account established for the permittee of such group) TR SO₂ Group 1 allowances available for deduction for such control period under 40 CFR 97.625(a) in an amount equal to two times the product (rounded to the nearest whole number), as determined by the Administrator in accordance with 40 CFR 97.625(b), of multiplying—

(A). The quotient of the amount by which the common designated representative’s share of such SO₂ emissions exceeds the common designated representative’s assurance
level divided by the sum of the amounts, determined for all common designated representatives for such sources and units in the state for such control period, by which each common designated representative’s share of such SO₂ emissions exceeds the respective common designated representative’s assurance level; and

(B). The amount by which total SO₂ emissions from all TR SO₂ Group 1 units at TR SO₂ Group 1 sources in the state for such control period exceed the state assurance level.

(ii). The permittee shall hold the TR SO₂ Group 1 allowances required under paragraph (c)(2)(i) above, as of midnight of November 1 (if it is a business day), or midnight of the first business day thereafter (if November 1 is not a business day), immediately after such control period.

(iii). Total SO₂ emissions from all TR SO₂ Group 1 units at TR SO₂ Group 1 sources in the state during a control period in a given year exceed the state assurance level if such total SO₂ emissions exceed the sum, for such control period, of the state SO₂ Group 1 trading budget under 40 CFR 97.610(a) and the state’s variability limit under 40 CFR 97.610(b).

(iv). It shall not be a violation of 40 CFR part 97, subpart CCCCC or of the Clean Air Act if total SO₂ emissions from all TR SO₂ Group 1 units at TR SO₂ Group 1 sources in the state during a control period exceed the state assurance level or if a common designated representative’s share of total SO₂ emissions from the TR SO₂ Group 1 units at TR SO₂ Group 1 sources in the during a control period exceeds the common designated representative’s assurance level.

(v). To the extent the permittee fails to hold TR SO₂ Group 1 allowances for a control period in a given year in accordance with paragraphs (c)(2)(i) through (iii) above,

(A). The permittee shall pay any fine, penalty, or assessment or comply with any other remedy imposed under the Clean Air Act; and

(B). Each TR SO₂ Group 1 allowance that the permittee fails to hold for such control period in accordance with paragraphs (c)(2)(i) through (iii) above and each day of such control period shall constitute a separate violation of 40 CFR part 97, subpart CCCCC and the Clean Air Act.

(3) Compliance periods.

(i). A TR SO₂ Group 1 unit shall be subject to the requirements under paragraph (c)(1) above for the control period starting on the later of January 1, 2015 or the deadline for meeting the unit’s monitor certification requirements under 40 CFR 97.630(b) and for each control period thereafter.

(ii). A TR SO₂ Group 1 unit shall be subject to the requirements under paragraph (c)(2) above for the control period starting on the later of January 1, 2017 or the deadline for meeting the unit’s monitor certification requirements under 40 CFR 97.630(b) and for each control period thereafter.

(4) Vintage of allowances held for compliance.

(i). A TR SO₂ Group 1 allowance held for compliance with the requirements under paragraph (c)(1)(i) above for a control period in a given year must be a TR SO₂ Group 1 allowance that was allocated for such control period or a control period in a prior year.

(ii). A TR SO₂ Group 1 allowance held for compliance with the requirements under paragraphs (c)(1)(ii)(A) and (2)(i) through (iii) above for a control period in a given year must be a TR SO₂ Group 1 allowance that was allocated for a control period in a prior year or the control period in the given year or in the immediately following year.
(5) Allowance Management System requirements. Each TR SO2 Group 1 allowance shall be held in, deducted from, or transferred into, out of, or between Allowance Management System accounts in accordance with 40 CFR part 97, subpart CCCCC.

(6) Limited authorization. A TR SO2 Group 1 allowance is a limited authorization to emit one ton of SO2 during the control period in one year. Such authorization is limited in its use and duration as follows:

(i). Such authorization shall only be used in accordance with the TR SO2 Group 1 Trading Program; and

(ii). Notwithstanding any other provision of 40 CFR part 97, subpart CCCCC, the Administrator has the authority to terminate or limit the use and duration of such authorization to the extent the Administrator determines is necessary or appropriate to implement any provision of the Clean Air Act.

(7) Property right. A TR SO2 Group 1 allowance does not constitute a property right.

(d) Title V permit revision requirements.

(1) No title V permit revision shall be required for any allocation, holding, deduction, or transfer of TR SO2 Group 1 allowances in accordance with 40 CFR part 97, subpart CCCCC.

(2) This permit incorporates the TR emissions monitoring, recordkeeping and reporting requirements pursuant to 40 CFR 97.630 through 97.635, and the requirements for a continuous emission monitoring system (pursuant to 40 CFR part 75, subparts B and H), an excepted monitoring methodology (pursuant to 40 CFR part 75.19), a low mass emissions excepted monitoring methodology (pursuant to 40 CFR part 75.19), and an alternative monitoring system (pursuant to 40 CFR part 75, subpart E). Therefore, the Description of TR Monitoring Provisions table for units identified in this permit may be added to, or changed, in this title V permit using minor permit modification procedures in accordance with 40 CFR 97.606(d)(2) and 70.7(e)(2)(i)(B) or 71.7(e)(1)(i)(B).

(e) Additional recordkeeping and reporting requirements.

(1) Unless otherwise provided, the permittee of each TR SO2 Group 1 source and each TR SO2 Group 1 unit at the source shall keep on site at the source each of the following documents (in hardcopy or electronic format) for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the Administrator.

(i). The certificate of representation under 40 CFR 97.616 for the designated representative for the source and each TR SO2 Group 1 unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such certificate of representation and documents are superseded because of the submission of a new certificate of representation under 40 CFR 97.616 changing the designated representative.

(ii). All emissions monitoring information, in accordance with 40 CFR part 97, subpart CCCCC.

(iii). Copies of all reports, compliance certifications, and other submissions and all records made or required under, or to demonstrate compliance with the requirements of, the TR SO2 Group 1 Trading Program.

(2) The designated representative of a TR SO2 Group 1 source and each TR SO2 Group 1 unit at the source shall make all submissions required under the TR SO2 Group 1 Trading Program, except as provided in 40 CFR 97.618. This requirement does not change, create an exemption from, or
otherwise affect the responsible official submission requirements under a title V operating permit program in 40 CFR parts 70 and 71.

(f) Liability.

(1) Any provision of the TR SO₂ Group 1 Trading Program that applies to a TR SO₂ Group 1 source or the designated representative of a TR SO₂ Group 1 source shall also apply to the owners and operators of such source and of the TR SO₂ Group 1 units at the source.

(2) Any provision of the TR SO₂ Group 1 Trading Program that applies to a TR SO₂ Group 1 unit or the designated representative of a TR SO₂ Group 1 unit shall also apply to the owners and operators of such unit.

(g) Effect on other authorities.

No provision of the TR SO₂ Group 1 Trading Program or exemption under 40 CFR 97.605 shall be construed as exempting or excluding the owners and operators, and the designated representative, of a TR SO₂ Group 1 source or TR SO₂ Group 1 unit from compliance with any other provision of the applicable, approved state implementation plan, a federally enforceable permit, or the Clean Air Act.

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### PERMIT CONDITION 010

10 CSR 10-6.260 Restriction of Emission of Sulfur Compounds

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Description</th>
<th>Manufacturer/Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>E01</td>
<td>Emergency Generator: 30 kW diesel generator for ambulance and fire department, MHDR 0.285 MMBtu/hr, 40 Hp, installed prior to 2006</td>
<td>Libby Welding Co.</td>
</tr>
<tr>
<td>P08</td>
<td>Generator Unit #6: 1,445 kW diesel fired generator; 1,940 Hp; MHDR 12.37 MMBtu/hr; installed May 2004</td>
<td>Caterpillar</td>
</tr>
</tbody>
</table>

See Statement of Basis for explanation for why 10 CSR 10-6.260 is included in the operating permit as an applicable regulation.

Operational Limitation:

1) Emissions E01 and E08 shall not contain more than five hundred parts per million by volume (500 ppmv) of sulfur dioxide.

2) Stack gasses shall not contain more than thirty-five milligrams (35 mg) per cubic meter of sulfuric acid or sulfur trioxide or any combination of those gases averaged on any consecutive three hour time period.

Operational Limitation/Equipment Specifications:
The emission unit shall be limited to burning No. 2 Fuel Oil with a sulfur content less than 15 ppm.

Monitoring/Recordkeeping:

1) The permittee shall maintain an accurate record of the sulfur content of fuel used. Fuel purchase receipts, analyzed samples or certifications that verify the fuel type and sulfur content will be acceptable.

2) These records shall be made available for inspection to the Department of Natural Resources' personnel upon request.

3) All records shall be maintained for five years.
Reporting:
The permittee shall report any deviations/exceedances of this permit condition using the annual monitoring report and annual compliance certification to the Air Pollution Control Program’s Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as required by 10 CSR 10-6.065(6)(C)1.C.(III).
IV. Core Permit Requirements

The installation shall comply with each of the following regulations or codes. Consult the appropriate sections in the Code of Federal Regulations (CFR), the Code of State Regulations (CSR), and local ordinances for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued. The following is only an excerpt from the regulation or code, and is provided for summary purposes only.

**10 CSR 10-6.045 Open Burning Requirements**

1) General Provisions. The open burning of tires, petroleum-based products, asbestos containing materials, and trade waste is prohibited, except as allowed below. Nothing in this rule may be construed as to allow open burning which causes or constitutes a public health hazard, nuisance, a hazard to vehicular or air traffic, nor which violates any other rule or statute.

2) Certain types of materials may be open burned provided an open burning permit is obtained from the director. The permit will specify the conditions and provisions of all open burning. The permit may be revoked if the owner or operator fails to comply with the conditions or any provisions of the permit.

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

1) In the event of a malfunction, which results in excess emissions that exceed one hour, the permittee shall submit to the director within two business days, in writing, the following information:
   a) Name and location of installation;
   b) Name and telephone number of person responsible for the installation;
   c) Name of the person who first discovered the malfunction and precise time and date that the malfunction was discovered.
   d) Identity of the equipment causing the excess emissions;
   e) Time and duration of the period of excess emissions;
   f) Cause of the excess emissions;
   g) Air pollutants involved;
   h) Best estimate of the magnitude of the excess emissions expressed in the units of the applicable requirement and the operating data and calculations used in estimating the magnitude;
   i) Measures taken to mitigate the extent and duration of the excess emissions; and
   j) Measures taken to remedy the situation that caused the excess emissions and the measures taken or planned to prevent the recurrence of these situations.

2) The permittee shall submit the paragraph 1 information list to the director in writing at least ten days prior to any maintenance, start-up or shutdown, which is expected to cause an excessive release of emissions that exceed one hour. If notice of the event cannot be given ten days prior to the planned occurrence, it shall be given as soon as practicable prior to the release. If an unplanned excess release of emissions exceeding one hour occurs during maintenance, start-up or shutdown, the director shall be notified verbally as soon as practical during normal working hours and no later than the close of business of the following working day. A written notice shall follow within ten working days.

3) Upon receipt of a notice of excess emissions issued by an agency holding a certificate of authority under section 643.140, RSMo, the permittee may provide information showing that the excess emissions were the consequence of a malfunction, start-up or shutdown. The information, at a minimum, should be the paragraph 1 list and shall be submitted not later than 15 days after receipt of the notice of excess emissions. Based upon information submitted by the permittee or any other
 pertinent information available, the director or the commission shall make a determination whether
the excess emissions constitute a malfunction, start-up or shutdown and whether the nature, extent
and duration of the excess emissions warrant enforcement action under section 643.080 or 643.151,
RSMo.
4) Nothing in this rule shall be construed to limit the authority of the director or commission to take
appropriate action, under sections 643.080, 643.090 and 643.151, RSMo to enforce the provisions of
the Air Conservation Law and the corresponding rule.
5) Compliance with this rule does not automatically absolve the permittee of liability for the excess
emissions reported.

10 CSR 10-6.060  Construction Permits Required
The permittee shall not commence construction, modification, or major modification of any installation
subject to this rule, begin operation after that construction, modification, or major modification, or begin
operation of any installation which has been shut down longer than five years without first obtaining a
permit from the permitting authority.

10 CSR 10-6.065  Operating Permits
The permittee shall file a complete application for renewal of this operating permit at least six months
before the date of permit expiration. In no event shall this time be greater than eighteen months. [10
CSR 10-6.065(6)(B)1.A(V)] The permittee shall retain the most current operating permit issued to this
installation on-site. [10 CSR 10-6.065(6)(C)1.C(II)] The permittee shall immediately make such permit
available to any Missouri Department of Natural Resources personnel upon request. [10 CSR 10-
6.065(6)(C)3.B]

10 CSR 10-6.080  Emission Standards for Hazardous Air Pollutants and 40 CFR Part 61
Subpart M  National Emission Standard for Asbestos
1. The permittee shall follow the procedures and requirements of 40 CFR Part 61, Subpart M for any
activities occurring at this installation which would be subject to provisions for 40 CFR Part 61,
Subpart M, National Emission Standard for Asbestos.
2. The permittee shall conduct monitoring to demonstrate compliance with registration, certification,
notification, and Abatement Procedures and Practices standards as specified in 40 CFR Part 61,
Subpart M.

10 CSR 10-6.110  Submission of Emission Data, Emission Fees and Process Information
1. The permittee shall submit full emissions report either electronically via MoEIS, which requires
Form 1.0 signed by an authorized company representative, or on Emission Inventory
Questionnaire (EIQ) paper forms on the frequency specified in this rule and in accordance with
the requirements outlined in this rule. Alternate methods of reporting the emissions, such as
spreadsheet file, can be submitted for approval by the director.
2. The permittee may be required by the director to file additional reports.
3. Public Availability of Emission Data and Process Information. Any information obtained
pursuant to the rule(s) of the Missouri Air Conservation Commission that would not be entitled
to confidential treatment under 10 CSR 10-6.210 shall be made available to any member of the
public upon request.
4. The permittee shall pay an annual emission fee per ton of regulated air pollutant emitted
according to the schedule in the rule. This fee is an emission fee assessed under authority of
RSMo. 643.079.
5. The fees shall be payable to the Department of Natural Resources and shall be accompanied by the emissions report.

6. The permittee shall complete required reports on state supplied EIQ forms or electronically via MoEIS. Alternate methods of reporting the emissions can be submitted for approval by the director. The reports shall be submitted to the director by April 1 after the end of each reporting year. If the full emissions report is filed electronically via MoEIS, this due date is extended to May 1.

7. The reporting period shall end on December 31 of each calendar year. Each report shall contain the required information for each emission unit for the twelve (12)-month period immediately preceding the end of the reporting period.

8. The permittee shall collect, record and maintain the information necessary to complete the required forms during each year of operation of the installation.

**10 CSR 10-6.130 Controlling Emissions During Episodes of High Air Pollution Potential**

This rule specifies the conditions that establish an air pollution alert (yellow/orange/red/purple), or emergency (maroon) and the associated procedures and emission reduction objectives for dealing with each. The permittee shall submit an appropriate emergency plan if required by the Director.

**10 CSR 10-6.150 Circumvention**

The permittee shall not cause or permit the installation or use of any device or any other means which, without resulting in reduction in the total amount of air contaminant emitted, conceals or dilutes an emission or air contaminant which violates a rule of the Missouri Air Conservation Commission.

**10 CSR 10-6.165 Restriction of Emission of Odors**

This requirement is not federally enforceable.

No person may cause, permit or allow the emission of odorous matter in concentrations and frequencies or for durations that odor can be perceived when one volume of odorous air is diluted with seven volumes of odor-free air for two separate trials not less than 15 minutes apart within the period of one hour. This odor evaluation shall be taken at a location outside of the installation’s property boundary.

**10 CSR 10-6.170 Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin**

**Emission Limitation:**

1) The permittee shall not cause or allow to occur any handling, transporting or storing of any material; construction, repair, cleaning or demolition of a building or its appurtenances; construction or use of a road, driveway or open area; or operation of a commercial or industrial installation without applying reasonable measures as may be required to prevent, or in a manner which allows or may allow, fugitive particulate matter emissions to go beyond the premises of origin in quantities that the particulate matter may be found on surfaces beyond the property line of origin. The nature or origin of the particulate matter shall be determined to a reasonable degree of certainty by a technique proven to be accurate and approved by the director.

2) The permittee shall not cause nor allow to occur any fugitive particulate matter emissions to remain visible in the ambient air beyond the property line of origin.

3) Should it be determined that noncompliance has occurred, the director may require reasonable control measures as may be necessary. These measures may include, but are not limited to, the following:
a) Revision of procedures involving construction, repair, cleaning and demolition of buildings and their appurtenances that produce particulate matter emissions;
b) Paving or frequent cleaning of roads, driveways and parking lots;
c) Application of dust-free surfaces;
d) Application of water; and
e) Planting and maintenance of vegetative ground cover.

**Monitoring:**
The permittee shall conduct inspections of its facilities sufficient to determine compliance with this regulation. If the permittee discovers a violation, the permittee shall undertake corrective action to eliminate the violation.
The permittee shall maintain the following monitoring schedule:
1) The permittee shall conduct weekly observations for a minimum of eight (8) consecutive weeks after permit issuance.
2) Should no violation of this regulation be observed during this period then-
   a) The permittee may observe once every two (2) weeks for a period of eight (8) weeks.
   b) If a violation is noted, monitoring reverts to weekly.
   c) Should no violation of this regulation be observed during this period then-
      i) The permittee may observe once per month.
      ii) If a violation is noted, monitoring reverts to weekly.
3) If the permittee reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner to the initial monitoring frequency.

**Recordkeeping:**
The permittee shall document all readings on Attachment E, or its equivalent, noting the following:
1) Whether air emissions (except water vapor) remain visible in the ambient air beyond the property line of origin.
2) Whether equipment malfunctions contributed to an exceedance.
3) Any violations and any corrective actions undertaken to correct the violation.
abatement projects to be certified by the Missouri Department of Natural Resources Air Pollution Control Program. This rule requires training providers who offer training for asbestos abatement occupations to be accredited by the Missouri Department of Natural Resources Air Pollution Control Program. This rule requires persons who hold exemption status from certain requirements of this rule to allow the department to monitor training provided to employees. Each individual who works in asbestos abatement projects must first obtain certification for the appropriate occupation from the department. Each person who offers training for asbestos abatement occupations must first obtain accreditation from the department. Certain business entities that meet the requirements for state-approved exemption status must allow the department to monitor training classes provided to employees who perform asbestos abatement.

### 10 CSR 10-6.280 Compliance Monitoring Usage

1) The permittee is not prohibited from using the following in addition to any specified compliance methods for the purpose of submission of compliance certificates:
   a) Monitoring methods outlined in 40 CFR Part 64;
   b) Monitoring method(s) approved for the permittee pursuant to 10 CSR 10-6.065, “Operating Permits”, and incorporated into an operating permit; and
   c) Any other monitoring methods approved by the director.

2) Any credible evidence may be used for the purpose of establishing whether a permittee has violated or is in violation of any such plan or other applicable requirement. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred by a permittee:
   a) Monitoring methods outlined in 40 CFR Part 64;
   b) A monitoring method approved for the permittee pursuant to 10 CSR 10-6.065, “Operating Permits”, and incorporated into an operating permit; and
   c) Compliance test methods specified in the rule cited as the authority for the emission limitations.

3) The following testing, monitoring or information gathering methods are presumptively credible testing, monitoring, or information gathering methods:
   a) Applicable monitoring or testing methods, cited in:
      i) 10 CSR 10-6.030, “Sampling Methods for Air Pollution Sources”;
      ii) 10 CSR 10-6.040, “Reference Methods”;
      iii) 10 CSR 10-6.070, “New Source Performance Standards”;
      iv) 10 CSR 10-6.080, “Emission Standards for Hazardous Air Pollutants”; or
   b) Other testing, monitoring, or information gathering methods, if approved by the director, that produce information comparable to that produced by any method listed above.

### Title VI – 40 CFR Part 82 Protection of Stratospheric Ozone

1) The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:
   a) All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to §82.106.
   b) The placement of the required warning statement must comply with the requirements pursuant to §82.108.
   c) The form of the label bearing the required warning statement must comply with the requirements pursuant to §82.110.
d) No person may modify, remove, or interfere with the required warning statement except as described in §82.112.

2) The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners (MVACs) in Subpart B:
   a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to §82.156.
   b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to §82.158.
   c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to §82.161.
   d) Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with record keeping requirements pursuant to §82.166. (“MVAC-like” appliance as defined at §82.152).
   e) Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to §82.156.
   f) Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to §82.166.

3) If the permittee manufactures, transforms, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR part 82, Subpart A, Production and Consumption Controls.

4) If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR part 82, Subpart B, Servicing of Motor Vehicle Air conditioners. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant.

5) The permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR part 82, Subpart G, Significant New Alternatives Policy Program. Federal Only - 40 CFR part 82
V. General Permit Requirements

The installation shall comply with each of the following requirements. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued.

10 CSR 10-6.065(6)(C)1.B Permit Duration

This permit is issued for a term of five years, commencing on the date of issuance. This permit will expire at the end of this period unless renewed.

10 CSR 10-6.065(6)(C)1.C General Record Keeping and Reporting Requirements

1) Record Keeping
   a) All required monitoring data and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report or application.
   b) Copies of all current operating and construction permits issued to this installation shall be kept on-site for as long as the permits are in effect. Copies of these permits shall be made immediately available to any Missouri Department of Natural Resources’ personnel upon request.

2) Reporting
   a) All reports shall be submitted to the Air Pollution Control Program, Enforcement Section, P. O. Box 176, Jefferson City, MO 65102.
   b) The permittee shall submit a report of all required monitoring by:
      i) October 1st for monitoring which covers the January through June time period, and
      ii) April 1st for monitoring which covers the July through December time period.
   iii) Exception. Monitoring requirements which require reporting more frequently than semi-annually shall report no later than 30 days after the end of the calendar quarter in which the measurements were taken.
   c) Each report shall identify any deviations from emission limitations, monitoring, record keeping, reporting, or any other requirements of the permit, this includes deviations or Part 64 exceedances.
   d) Submit supplemental reports as required or as needed. All reports of deviations shall identify the cause or probable cause of the deviations and any corrective actions or preventative measures taken.
      i) Notice of any deviation resulting from an emergency (or upset) condition as defined in paragraph (6)(C)7.A of 10 CSR 10-6.065 (Emergency Provisions) shall be submitted to the permitting authority either verbally or in writing within two working days after the date on which the emission limitation is exceeded due to the emergency, if the permittee wishes to assert an affirmative defense. The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that indicate an emergency occurred and the permittee can identify the cause(s) of the emergency. The permitted installation must show that it was operated properly at the time and that during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or requirements in the permit. The notice must contain a description of the emergency, the steps taken to mitigate emissions, and the corrective actions taken.
      ii) Any deviation that poses an imminent and substantial danger to public health, safety or the environment shall be reported as soon as practicable.
iii) Any other deviations identified in the permit as requiring more frequent reporting than the permittee's semiannual report shall be reported on the schedule specified in this permit, and no later than ten days after any exceedance of any applicable rule, regulation, or other restriction.

e) Every report submitted shall be certified by the responsible official, except that, if a report of a deviation must be submitted within ten days after the deviation, the report may be submitted without a certification if the report is resubmitted within an appropriate certification within ten days after that, together with any corrected or supplemental information required concerning the deviation.

f) The permittee may request confidential treatment of information submitted in any report of deviation.

10 CSR 10-6.065(6)(C)1.D Risk Management Plan Under Section 112(r)
The permittee shall comply with the requirements of 40 CFR Part 68, Accidental Release Prevention Requirements. If the permittee has more than a threshold quantity of a regulated substance in process, as determined by 40 CFR Section 68.115, the permittee shall submit a Risk Management Plan in accordance with 40 CFR Part 68 no later than the latest of the following dates:

1) June 21, 1999;
2) Three years after the date on which a regulated substance is first listed under 40 CFR Section 68.130; or
3) The date on which a regulated substance is first present above a threshold quantity in a process.

10 CSR 10-6.065(6)(C)1.F Severability Clause
In the event of a successful challenge to any part of this permit, all uncontested permit conditions shall continue to be in force. All terms and conditions of this permit remain in effect pending any administrative or judicial challenge to any portion of the permit. If any provision of this permit is invalidated, the permittee shall comply with all other provisions of the permit.

10 CSR 10-6.065(6)(C)1.G General Requirements

1) The permittee must comply with all of the terms and conditions of this permit. Any noncompliance with a permit condition constitutes a violation and is grounds for enforcement action, permit termination, permit revocation and re-issuance, permit modification or denial of a permit renewal application.

2) The permittee may not use as a defense in an enforcement action that it would have been necessary for the permittee to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

3) The permit may be modified, revoked, reopened, reissued or terminated for cause. Except as provided for minor permit modifications, the filing of an application or request for a permit modification, revocation and reissuance, or termination, or the filing of a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

4) This permit does not convey any property rights of any sort, nor grant any exclusive privilege.

5) The permittee shall furnish to the Air Pollution Control Program, upon receipt of a written request and within a reasonable time, any information that the Air Pollution Control Program reasonably may require to determine whether cause exists for modifying, reopening, reissuing or revoking the permit or to determine compliance with the permit. Upon request, the permittee also shall furnish to the Air Pollution Control Program copies of records required to be kept by the permittee. The
permittee may make a claim of confidentiality for any information or records submitted pursuant to 10 CSR 10-6.065(6)(C)1.

**10 CSR 10-6.065(6)(C)1.H Incentive Programs Not Requiring Permit Revisions**

No permit revision will be required for any installation changes made under any approved economic incentive, marketable permit, emissions trading, or other similar programs or processes provided for in this permit.

**10 CSR 10-6.065(6)(C)1.I Reasonably Anticipated Operating Scenarios**

None.

**10 CSR 10-6.065(6)(C)3 Compliance Requirements**

1) Any document (including reports) required to be submitted under this permit shall contain a certification signed by the responsible official.

2) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized officials of the Missouri Department of Natural Resources, or their authorized agents, to perform the following (subject to the installation’s right to seek confidential treatment of information submitted to, or obtained by, the Air Pollution Control Program):
   a) Enter upon the premises where a permitted installation is located or an emissions-related activity is conducted, or where records must be kept under the conditions of this permit;
   b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
   c) Inspect, at reasonable times and using reasonable safety practices, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
   d) As authorized by the Missouri Air Conservation Law, Chapter 643, RSMo or the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the terms of this permit, and all applicable requirements as outlined in this permit.

3) All progress reports required under an applicable schedule of compliance shall be submitted semiannually (or more frequently if specified in the applicable requirement). These progress reports shall contain the following:
   a) Dates for achieving the activities, milestones or compliance required in the schedule of compliance, and dates when these activities, milestones or compliance were achieved, and
   b) An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventative or corrective measures adopted.

4) The permittee shall submit an annual certification that it is in compliance with all of the federally enforceable terms and conditions contained in this permit, including emissions limitations, standards, or work practices. These certifications shall be submitted annually by April 1st, unless the applicable requirement specifies more frequent submission. These certifications shall be submitted to EPA Region VII, 11201 Renner Blvd., Lenexa, KS 66219, as well as the Air Pollution Control Program, Enforcement Section, P.O. Box 176, Jefferson City, MO 65102. All deviations and Part 64 exceedances and excursions must be included in the compliance certifications. The compliance certification shall include the following:
   a) The identification of each term or condition of the permit that is the basis of the certification;
   b) The current compliance status, as shown by monitoring data and other information reasonably available to the installation;
   c) Whether compliance was continuous or intermittent;
d) The method(s) used for determining the compliance status of the installation, both currently and over the reporting period; and

e) Such other facts as the Air Pollution Control Program will require in order to determine the compliance status of this installation.

### 10 CSR 10-6.065(6)(C)6 Permit Shield

1) Compliance with the conditions of this permit shall be deemed compliance with all applicable requirements as of the date that this permit is issued, provided that:

   a) The applicable requirements are included and specifically identified in this permit, or

   b) The permitting authority, in acting on the permit revision or permit application, determines in writing that other requirements, as specifically identified in the permit, are not applicable to the installation, and this permit expressly includes that determination or a concise summary of it.

2) Be aware that there are exceptions to this permit protection. The permit shield does not affect the following:

   a) The provisions of section 303 of the Act or section 643.090, RSMo concerning emergency orders,

   b) Liability for any violation of an applicable requirement which occurred prior to, or was existing at, the time of permit issuance,

   c) The applicable requirements of the acid rain program,

   d) The authority of the Environmental Protection Agency and the Air Pollution Control Program of the Missouri Department of Natural Resources to obtain information, or

   e) Any other permit or extra-permit provisions, terms or conditions expressly excluded from the permit shield provisions.

### 10 CSR 10-6.065(6)(C)7 Emergency Provisions

1) An emergency or upset as defined in 10 CSR 10-6.065(6)(C)7.A shall constitute an affirmative defense to an enforcement action brought for noncompliance with technology-based emissions limitations. To establish an emergency- or upset-based defense, the permittee must demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence, the following:

   a) That an emergency or upset occurred and that the permittee can identify the source of the emergency or upset,

   b) That the installation was being operated properly,

   c) That the permittee took all reasonable steps to minimize emissions that exceeded technology-based emissions limitations or requirements in this permit, and

   d) That the permittee submitted notice of the emergency to the Air Pollution Control Program within two working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and any corrective actions taken.

2) Be aware that an emergency or upset shall not include noncompliance caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

### 10 CSR 10-6.065(6)(C)8 Operational Flexibility

An installation that has been issued a Part 70 operating permit is not required to apply for or obtain a permit revision in order to make any of the changes to the permitted installation described below if the changes are not Title I modifications, the changes do not cause emissions to exceed emissions allowable under the permit, and the changes do not result in the emission of any air contaminant not previously
emitted. The permittee shall notify the Air Pollution Control Program, Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as well as EPA Region VII, 11201 Renner Blvd., Lenexa, KS 66219, at least seven days in advance of these changes, except as allowed for emergency or upset conditions. Emissions allowable under the permit means a federally enforceable permit term or condition determined at issuance to be required by an applicable requirement that establishes an emissions limit (including a work practice standard) or a federally enforceable emissions cap that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject.

1) Section 502(b)(10) changes. Changes that, under section 502(b)(10) of the Act, contravene an express permit term may be made without a permit revision, except for changes that would violate applicable requirements of the Act or contravene federally enforceable monitoring (including test methods), record keeping, reporting or compliance requirements of the permit.
   a) Before making a change under this provision, The permittee shall provide advance written notice to the Air Pollution Control Program, Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as well as EPA Region VII, 11201 Renner Blvd., Lenexa, KS 66219, describing the changes to be made, the date on which the change will occur, and any changes in emission and any permit terms and conditions that are affected. The permittee shall maintain a copy of the notice with the permit, and the APCP shall place a copy with the permit in the public file. Written notice shall be provided to the EPA and the APCP as above at least seven days before the change is to be made. If less than seven days notice is provided because of a need to respond more quickly to these unanticipated conditions, the permittee shall provide notice to the EPA and the APCP as soon as possible after learning of the need to make the change.
   b) The permit shield shall not apply to these changes.

10 CSR 10-6.065(6)(C)9 Off-Permit Changes

1) Except as noted below, the permittee may make any change in its permitted operations, activities or emissions that is not addressed in, constrained by or prohibited by this permit without obtaining a permit revision. Insignificant activities listed in the application, but not otherwise addressed in or prohibited by this permit, shall not be considered to be constrained by this permit for purposes of the off-permit provisions of this section. Off-permit changes shall be subject to the following requirements and restrictions:
   a) The change must meet all applicable requirements of the Act and may not violate any existing permit term or condition; the permittee may not change a permitted installation without a permit revision if this change is subject to any requirements under Title IV of the Act or is a Title I modification;
   b) The permittee must provide contemporaneous written notice of the change to the Air Pollution Control Program, Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as well as EPA Region VII, 11201 Renner Blvd., Lenexa, KS 66219. This notice shall not be required for changes that are insignificant activities under 10 CSR 10-6.065(6)(B)3 of this rule. This written notice shall describe each change, including the date, any change in emissions, pollutants emitted and any applicable requirement that would apply as a result of the change.
   c) The permittee shall keep a record describing all changes made at the installation that result in emissions of a regulated air pollutant subject to an applicable requirement and the emissions resulting from these changes; and
   d) The permit shield shall not apply to these changes.
**10 CSR 10-6.020(2)(R)34 Responsible Official**

The application utilized in the preparation of this permit was signed by Jeanette Dobson, City Administrator. If this person terminates employment, or is reassigned different duties such that a different person becomes the responsible person to represent and bind the installation in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Director of the Air Pollution Control Program of the change. Said notification shall be in writing and shall be submitted within 30 days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the installation in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the installation until such time that a revision to this permit is obtained that would change said representations, agreements and covenants.

**10 CSR 10-6.065(6)(E)6 Reopening-Permit for Cause**

This permit may be reopened for cause if:

1) The Missouri Department of Natural Resources (MDNR) receives notice from the Environmental Protection Agency (EPA) that a petition for disapproval of a permit pursuant to 40 CFR § 70.8(d) has been granted, provided that the reopening may be stayed pending judicial review of that determination,

2) MDNR or EPA determines that the permit contains a material mistake or that inaccurate statements were made which resulted in establishing the emissions limitation standards or other terms of the permit,

3) Additional applicable requirements under the Act become applicable to the installation; however, reopening on this ground is not required if—:
   a) The permit has a remaining term of less than three years;
   b) The effective date of the requirement is later than the date on which the permit is due to expire; or
   c) The additional applicable requirements are implemented in a general permit that is applicable to the installation and the installation receives authorization for coverage under that general permit,

4) The installation is an affected source under the acid rain program and additional requirements (including excess emissions requirements), become applicable to that source, provided that, upon approval by EPA, excess emissions offset plans shall be deemed to be incorporated into the permit; or

5) MDNR or EPA determines that the permit must be reopened and revised to assure compliance with applicable requirements.

**10 CSR 10-6.065(6)(E)1.C Statement of Basis**

This permit is accompanied by a statement setting forth the legal and factual basis for the permit conditions (including references to applicable statutory or regulatory provisions). This Statement of Basis, while referenced by the permit, is not an actual part of the permit.

**VI. Attachments**

Attachments follow.
## Attachment A
Monthly NOx Tracking Records

This sheet covers the month of ____________ in the year _______.

<table>
<thead>
<tr>
<th>Date</th>
<th>Piece of Equipment</th>
<th>(a) Hours of Operation for the month (hours)</th>
<th>(b) NOx Emission Factor (lbs/hr)</th>
<th>(c) NOx Emissions (Tons)</th>
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</table>

(d) Total Startup, Shutdown, and Malfunction Emissions

(e) Total NOx Emissions Calculated for this Month in Tons:

(f) 12-Month Rolling NOx Emissions Total from Previous Month's Attachment A, in Tons:

(g) Monthly NOx Emissions Total (d) from Previous Year's Attachment A, in Tons:

(h) Calculate the new 12-month NOx emissions total.

12-Month Rolling NOx emissions total (g) of less than 40.0 tons indicates compliance.
## Attachment B
### Monthly CO Tracking Records

This sheet covers the month of __________ in the year ______.

Copy as needed.

<table>
<thead>
<tr>
<th>Date</th>
<th>Piece of Equipment</th>
<th>(a) Hours of Operation for the month (hours)</th>
<th>(b) CO Emission Factor (lbs/hr)</th>
<th>(c) CO Emissions (Tons)</th>
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</table>

(d) Total Startup, Shutdown, and Malfunction Emissions

(e) Total CO Emissions Calculated for this Month in Tons:

(f) 12-Month Rolling CO Emissions Total from Previous Month's Attachment B, in Tons:

(g) Monthly CO Emissions Total (d) from Previous Year's Attachment B, in Tons:

(h) Current 12-month Rolling Total of CO Emissions in Tons: \[(d) + (e) - (f)\]

(a) Total hours of operation of each turbine (P07) and engine (P08)

(b) For EP-7 Turbine use the emission factor derived from stack testing: 0.1 lb/hr at 100% load; 2.7 lb/hr at 80% load; 5.2 lb/hr at 60% load; 9.3 lb/hr at 45% load. The AP-42 derived emission factor of 10.5 lb/hr shall be used for the engine;

(c) \((a) \times (b) \times 0.0005\);

(d) Total Startup, Shutdown, and Malfunction Emissions

(e) Summation of (c)+(d) in Tons;

(f) 12-Month CO emissions total (h) from last month's Attachment B, in Tons;

(g) Monthly CO emissions total (e) from previous year's Attachment B, in Tons;

(h) Calculate the new 12-month CO emissions total. **A 12-Month CO emissions total (h) of less than 100.0 tons indicates compliance.**
### Attachment C
Inspection/Maintenance/Repair/Malfunction Log

**Emission Unit # _________________________________**

<table>
<thead>
<tr>
<th>Date/Time</th>
<th>Inspection/Maintenance Activities</th>
<th>Malfunction Activities</th>
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<tbody>
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<td></td>
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<td>Malfunction</td>
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... (Table continues with empty cells)
ATTACHMENT D
TITLE V: CLEAN AIR INTERSTATE RULE (CAIR) Permit

In accordance with Title V of the Clean air Act and Missouri State Rules 10 CSR 10-6.362, *Clean Air Interstate Rule Annual NO\textsubscript{x} Trading Program*, 10 CSR 10-6.364 *Clean Air Interstate Rule Seasonal NO\textsubscript{x} Trading Program*, and 10 CSR 10-6.366, *Clean Air Interstate Rule SO\textsubscript{x} Trading Program*, the State of Missouri Issues this CAIR Permit.

**Installation Name:** Higginsville Municipal Power Plant, ORIS Code 2131  
**Project Number:** 2014-10-055, **Permit Number:**  
**Unit IDs:** P04A and P04B

The permit application submitted for this source, as corrected by the State of Missouri Department of Natural Resources’ Air Pollution Control Program, Operating Permit Section, is attached. The owners and operators of this source must comply with the standard requirements and special provisions set forth in this application.

This CAIR permit applies only to units P04A and P04B at the Higginsville Municipal Power Plant, Facility ID 107-0038.

This CAIR permit is effective for the same five-year period of this operating permit. The designated representative must submit an application for renewal of this permit in conjunction with the operating permit renewal application.

_____________________   ______________________________________  
Date      Director or Designee,  
Department of Natural Resources
# CAIR Permit Application
(for sources covered under a CAIR SIP)

For more information, refer to 40 CFR 96.121, 96.122, 96.221, 96.222, 96.321, and 96.322

This submission is: X New □ Revised (5-year renewal)

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<tr>
<th>Plant Name</th>
<th>MO</th>
<th>State</th>
<th>2131</th>
<th>ORIS/Facility Code</th>
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<tr>
<th>Unit ID#</th>
<th>NOx Annual</th>
<th>SO2</th>
<th>NOx Ozone Season</th>
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<tr>
<td>Unit #4B</td>
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## Standard Requirements

(a) Permit Requirements.

1. The CAIR designated representative of each CAIR NOx source, CAIR SO2 source, and CAIR NOx Ozone Season source (as applicable) required to have a title V operating permit and each CAIR NOx unit, CAIR SO2 unit, and CAIR NOx Ozone Season unit (as applicable) required to have a title V operating permit at the source shall:

   i. Submit to the permitting authority a complete CAIR permit application under §96.121, §96.221, and §96.322 (as applicable) in accordance with the deadlines specified in §96.121, §96.221, and §96.322 (as applicable); and

   ii. Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review a CAIR permit application and issue or deny a CAIR permit.

2. The owners and operators of each CAIR NOx source, CAIR SO2 source, and CAIR NOx Ozone Season source (as applicable) required to have a title V operating permit and each CAIR NOx unit, CAIR SO2 unit, and CAIR NOx Ozone Season unit (as applicable) required to have a title V operating permit at the source shall have a CAIR permit issued by the permitting authority under subpart CC, CCC, and CCCC (as applicable) of 40 CFR part 96 for the source and operate the source and the unit in compliance with such CAIR permit.

3. Except as provided in subpart II, III, and III (as applicable) of 40 CFR part 96, the owners and operators of a CAIR NOx source, CAIR SO2 source, and CAIR NOx Ozone Season source (as applicable) that is not otherwise required to have a title V operating permit and each CAIR NOx unit, CAIR SO2 unit, and CAIR NOx Ozone Season unit (as applicable) that is not otherwise required to have a title V operating permit are not required to submit a CAIR permit application, and to have a CAIR permit, under subpart CC, CCC, and CCCC (as applicable) of 40 CFR part 96 for such CAIR NOx source, CAIR SO2 source, and CAIR NOx Ozone Season source (as applicable) and such CAIR NOx unit, CAIR SO2 unit, and CAIR NOx Ozone Season unit (as applicable).
Higginsville Municipal Power Plant

Plant Name (from Step 1)

STEP 3, continued

(b) Monitoring, reporting, and recordkeeping requirements.

(1) The owners and operators, and the CAIR designated representative, of each CAIR NOx source, CAIR SO2 source, and CAIR NOx/ Ozone Season source (as applicable) and each CAIR NOx unit, CAIR SO2 unit, and CAIR NOx/Ozone Season unit (as applicable) at the source shall comply with the monitoring, reporting, and recordkeeping requirements of subparts HH, HHH, and HHHH (as applicable) of 40 CFR part 96.

(2) The emissions measurements recorded and reported in accordance with subparts HH, HHH, and HHHH (as applicable) of 40 CFR part 96 shall be used to determine compliance by each CAIR NOx source, CAIR SO2 source, and CAIR NOx/ Ozone Season source (as applicable) with the CAIR NOx emissions limitation, CAIR SO2 emissions limitation, and CAIR NOx/ Ozone Season emissions limitation (as applicable) under paragraph (c) of §96.105, §96.206, and §96.306 (as applicable).

(c) Nitrogen oxides emissions requirements.

(1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NOx source and each CAIR NOx unit at the source shall hold, in the source's compliance account, CAIR NOx allowances available for compliance deductions for the control period under §96.154(a) in an amount not less than the tons of total nitrogen oxides emissions for the control period from all CAIR NOx units at the source, as determined in accordance with subpart HH of 40 CFR part 96.

(2) A CAIR NOx unit shall be subject to the requirements under paragraph (c)(1) of §96.106 for the control period starting on the later of January 1, 2009 or the deadline for meeting the unit’s monitor certification requirements under §96.170(1)(1), (2), (3), or (5) and for each control period thereafter.

(3) A CAIR NOx allowance shall not be deducted, for compliance with the requirements under paragraph (c)(1) of §96.106, for a control period in a calendar year before the year for which the CAIR NOx allowance was allocated.

(4) CAIR NOx allowances shall be held in, deducted from, or transferred into or among CAIR NOx Allowance Tracking System accounts in accordance with subparts FF, GG, and II of 40 CFR part 96.

(5) A CAIR NOx allowance is a limited authorization to emit one ton of nitrogen oxides in accordance with the CAIR NOx Annual Trading Program. No provision of the CAIR NOx Annual Trading Program, the CAIR permit application, the CAIR permit, or an exemption under §96.105 and no provision of law shall be construed to limit the authority of the State or the United States to terminate or limit such authority.

(6) A CAIR NOx allowance does not constitute a property right.

(7) Upon recordation by the Administrator under subpart EE, FF, GG, or II of 40 CFR part 96, every allocation, transfer, or deduction of a CAIR NOx allowance to or from a CAIR NOx source's compliance account is incorporated automatically in any CAIR permit of the source that includes the CAIR NOx unit.

Sulfur dioxide emission requirements.

(1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR SO2 source and each CAIR SO2 unit at the source shall hold, in the source's compliance account, a tonnage equivalent of CAIR SO2 allowances available for compliance deductions for the control period under §96.254(a) and (b) not less than the tons of total sulfur dioxide emissions for the control period from all CAIR SO2 units at the source, as determined in accordance with subpart HHHH of 40 CFR part 96.

(2) A CAIR SO2 unit shall be subject to the requirements under paragraph (c)(1) of §96.206 for the control period starting on the later of January 1, 2010 or the deadline for meeting the unit's monitor certification requirements under §96.270(1)(1), (2), (3), or (5) and for each control period thereafter.

(3) A CAIR SO2 allowance shall not be deducted, for compliance with the requirements under paragraph (c)(1) of §96.206, for a control period in a calendar year before the year for which the CAIR SO2 allowance was allocated.

(4) CAIR SO2 allowances shall be held in, deducted from, or transferred into or among CAIR SO2 Allowance Tracking System accounts in accordance with subparts FF, GG, and II of 40 CFR part 96.

(5) A CAIR SO2 allowance is a limited authorization to emit sulfur dioxide in accordance with the CAIR SO2 Trading Program. No provision of the CAIR SO2 Trading Program, the CAIR permit application, the CAIR permit, or an exemption under §96.205 and no provision of law shall be construed to limit the authority of the State or the United States to terminate or limit such authorization.

(6) A CAIR SO2 allowance does not constitute a property right.

(7) Upon recordation by the Administrator under subpart FFFF, GGGG, or III of 40 CFR part 96, every allocation, transfer, or deduction of a CAIR SO2 allowance to or from a CAIR SO2 source's compliance account is incorporated automatically in any CAIR permit of the source that includes the CAIR NOx unit.

Nitrogen oxides ozone season emissions requirements.

(1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NOx/Ozone Season source and each CAIR NOx/Ozone Season unit at the source shall hold, in the source's compliance account, CAIR NOx/ Ozone Season allowances available for compliance deductions for the control period under §96.354(a) in an amount not less than the tons of total nitrogen oxides emissions for the control period from all CAIR NOx/Ozone Season units at the source, as determined in accordance with subpart HHHH of 40 CFR part 96.

(2) A CAIR NOx/Ozone Season unit shall be subject to the requirements under paragraph (c)(1) of §96.306 for the control period starting on the later of May 1, 2009 or the deadline for meeting the unit's monitor certification requirements under §96.370(1)(1), (2), (3), or (7) and for each control period thereafter.

(3) A CAIR NOx/Ozone Season allowance shall not be deducted, for compliance with the requirements under paragraph (c)(1) of §96.306, for a control period in a calendar year before the year for which the CAIR NOx/Ozone Season allowance was allocated.

(4) CAIR NOx/Ozone Season allowances shall be held in, deducted from, or transferred into or among CAIR NOx/Ozone Season Allowance Tracking System accounts in accordance with subparts FFFFFF, GGGGGG, and IIII of 40 CFR part 96.

(5) A CAIR NOx/Ozone Season allowance is a limited authorization to emit one ton of nitrogen oxides in accordance with the CAIR NOx/ Ozone Season Season Trading Program. No provision of the CAIR NOx/Ozone Season Season Trading Program, the CAIR permit application, the CAIR permit, or an exemption under §96.305 and no provision of law shall be construed to limit the authority of the State or the United States to terminate or limit such authorization.

(6) A CAIR NOx/Ozone Season allowance does not constitute a property right.

(7) Upon recordation by the Administrator under subpart EEEE, FFFFFF, GGGGGG, or IIII of 40 CFR part 96, every allocation, transfer, or deduction of a CAIR NOx/Ozone Season allowance to or from a CAIR NOx/Ozone Season source's compliance account is incorporated automatically in any CAIR permit of the source.
Higginsville Municipal Power Plant

(d) Excess emissions requirements.
If a CAIR NOx source emits nitrogen oxides during any control period in excess of the CAIR NOx emissions limitation, then:

(1) The owners and operators of the source and each CAIR NOx unit at the source shall surrender the CAIR NOx allowances required for deduction under §96.154(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable State law; and

(2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this part.

If a CAIR SO2 source emits sulfur dioxide during any control period in excess of the CAIR SO2 emissions limitation, then:

(1) The owners and operators of the source and each CAIR SO2 unit at the source shall surrender the CAIR SO2 allowances required for deduction under §96.254(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable State law; and

(2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this part.

If a CAIR NOx Season source emits nitrogen oxides during any control period in excess of the CAIR NOx Season emissions limitation, then:

(1) The owners and operators of the source and each CAIR NOx Season unit at the source shall surrender the CAIR NOx Season allowances required for deduction under §96.354(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable State law; and

(2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this part.

(e) Recordkeeping and Reporting Requirements.

(1) Unless otherwise provided, the owners and operators of the CAIR NOx source, CAIR SO2 source, and CAIR NOx Season source (as applicable) and each CAIR NOx unit, CAIR SO2 unit, and CAIR NOx Season unit (as applicable) at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the permitting authority or the Administrator.

(i) The certificate of representation under §96.113, §96.213, and §96.313 (as applicable) for the CAIR designated representative for the source and each CAIR NOx unit, CAIR SO2 unit, and CAIR NOx Season unit (as applicable) at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under §96.113, §96.213, and §96.313 (as applicable) changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with subparts HH, HHH, and HHHH (as applicable) of 40 CFR part 96, provided that to the extent that subparts HH, HHH, and HHHH (as applicable) of 40 CFR part 96 provides for a 3-year period for recordkeeping, the 5-year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NOx Annual Trading Program, CAIR SO2 Trading Program, and CAIR NOx Season Trading Program (as applicable).

(iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR NOx Annual Trading Program, CAIR SO2 Trading Program, and CAIR NOx Season Trading Program (as applicable) or to demonstrate compliance with the requirements of the CAIR NOx Annual Trading Program, CAIR SO2 Trading Program, and CAIR NOx Season Trading Program (as applicable).

(2) The CAIR designated representative of a CAIR NOx source, CAIR SO2 source, and CAIR NOx Season source (as applicable) and each CAIR NOx unit, CAIR SO2 unit, and CAIR NOx Season unit (as applicable) at the source shall submit the reports required under the CAIR NOx Annual Trading Program, CAIR SO2 Trading Program, and CAIR NOx Season Trading Program (as applicable) including those under subparts HH, HHH, and HHHH (as applicable) of 40 CFR part 96.

(f) Liability.

(1) Each CAIR NOx source, CAIR SO2 source, and CAIR NOx Season source (as applicable) and each NOx unit, CAIR SO2 unit, and CAIR NOx Season unit (as applicable) shall meet the requirements of the CAIR NOx Annual Trading Program, CAIR SO2 Trading Program, and CAIR NOx Season Trading Program (as applicable).

(2) Any provision of the CAIR NOx Annual Trading Program, CAIR SO2 Trading Program, and CAIR NOx Season Trading Program (as applicable) that applies to a CAIR NOx source, CAIR SO2 source, and CAIR NOx Season source (as applicable) or the CAIR designated representative of a CAIR NOx source, CAIR SO2 source, and CAIR NOx Season source (as applicable) shall also apply to the owners and operators of such source and of the CAIR NOx units, CAIR SO2 units, and CAIR NOx Season units (as applicable) at the source.

(3) Any provision of the CAIR NOx Annual Trading Program, CAIR SO2 Trading Program, and CAIR NOx Season Trading Program (as applicable) that applies to a CAIR NOx unit, CAIR SO2 unit, and CAIR NOx Season unit (as applicable) or the CAIR designated representative of a CAIR NOx unit, CAIR SO2 unit, and CAIR NOx Season unit (as applicable) shall also apply to the owners and operators of such unit.
STEP 3, continued

Higginsville Municipal Power Plant

Plant Name (from Step 1)

(g) Effect on Other Authorities.
No provision of the CAIR NOx Annual Trading Program, CAIR SO2 Trading Program, and CAIR NOx Ozone Season Trading Program (as applicable), a CAIR permit application, a CAIR permit, or an exemption under § 96.105, §96.205, and §96.305 (as applicable) shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR NOx source, CAIR SO2 source, and CAIR NOx Ozone Season source (as applicable) or CAIR NOx unit, CAIR SO2 unit, and CAIR NOx Ozone Season unit (as applicable) from compliance with any other provision of the applicable, approved State implementation plan, a federally enforceable permit, or the Clean Air Act.

Certification

I am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Lee Barker, City Administrator

Name

Signature

Date 10-21-14
## Attachment E
Fugitive Emissions Observations

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Beyond Boundary</th>
<th>Cause</th>
<th>Corrective Action</th>
<th>Initial</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>No</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Attachment F**

P04A and P04B Hours of Operation Tracking

This sheet covers the month of ____________ in the year _______.

Copy as needed.

<table>
<thead>
<tr>
<th>Date</th>
<th>Piece of Equipment</th>
<th>Hours of Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

(a) Total Hours of Operation in this Month in Hours: ____________

(b) 12-Month Rolling Hours of Operation Total from Previous Month's Attachment F, in Hours: ____________

(c) Monthly Hours of Operation Total (d) from Previous Year's Attachment F, in Hours: ____________

(d) Current 12-month Rolling Hours of Operation Total : [(a) + (b) - (c)]

(a) Total hours of operation of turbine (P04A) and turbine (P04B)

(b) 12-Month Hours of Operation total (d) from last month's Attachment F, in Hours;

(c) Monthly Hours of Operation Total (a) from previous year's Attachment F, in Hours;

(d) Calculate the new 12-month Total Hours of Operation total. **A 12-Month Hours of Operation total (d) of less than 8,000.0 hours indicates compliance.**
STATEMENT OF BASIS

Permit Reference Documents
These documents were relied upon in the preparation of the operating permit. Because they are not incorporated by reference, they are not an official part of the operating permit.

1) Part 70 Operating Permit Application, received October 23, 2014;
2) 2014 Emissions Inventory Questionnaire, received February 25, 2015;
3) Construction Permit 0795-0023;
4) Construction Permit 0795-023A;
5) Construction Permit 0797-019;
6) Construction Permit 042003-042;
7) Construction Permit 042003-042A;
8) Construction Permit 042003-042B;
9) Operating Permit OP2010-027;
10) WebFIRE; and

Applicable Requirements Included in the Operating Permit but Not in the Application or Previous Operating Permits
In the operating permit application, the installation indicated they were not subject to the following regulation(s). However, in the review of the application, the agency has determined that the installation is subject to the following regulation(s) for the reasons stated.

None.

Decommissioning of Emission Unit
The Air Pollution Control Program received notification from Verbal Blakey, P.E. of BHMG Engineers, Inc. stating that the City of Higginsville has decided to take P01 out of service effective August 31, 2015. P01 was a 25.82 MMBtu/hr Colt Industries emergency generator.

Other Air Regulations Determined Not to Apply to the Operating Permit
The Air Pollution Control Program (APCP) has determined the following requirements to not be applicable to this installation at this time for the reasons stated.

10 CSR 10-6.100, *Alternate Emission Limits*
This rule is not applicable because the installation is in an ozone attainment area.

Construction Permit History
The following is a brief history of construction permits for this installation:

*Construction Permit No. 0795-023*
Issued on July 27, 1995, this permit was for the addition of a dual fuel fired, twin-pac turbine (P04A & P04B) to the existing facility that will have a net power output of 49.1 megawatts. Several special conditions are associated with this permit including, requiring the facility to us the Best Available Control Technology (BACT) for nitrogen oxide emissions, limiting the
combined hours of operation for both sides of the turbine to be less than 8,000 hours per 12-month period, and using BACT to limit sulfur dioxide emissions set by limiting the sulfur content of the fuel to be 0.25% or less. The facility is also required to install and operate a continuous monitoring system, and only allowed to fuel the turbine using natural gas or No. 2 fuel oil.

Construction Permit No. 0795-023A
This amendment to Construction Permit No. 0795-023 was issued June 27, 1997 to amend Special Conditions. The permit changed the requirement to how often the facility is required to obtain the sulfur content weight percent from the fuel vendors from at least once every 12 month to each time a fuel delivery is made.

Construction Permit No. 0797-019
Issued on June 30, 1997, the permit was for the replacement of a 60,000 gallon diesel fuel tank with a 125,000 gallon diesel fuel tank.

Construction Permit No. 042003-042
Issued on April 4, 2003, the permit authorized the installation of one (1) 5.5 MW simple cycle combustion turbine, one (1) 1.2 MW diesel reciprocating internal combustion engine, and one (1) 15,000 gallon fuel storage tank. A nitrogen oxide (NOx) limit of 40 tons in any consecutive 12-month period was established for the turbine and engine. A special condition required that the turbine shall not operate at loads less than fifty (50%) percent unless the turbine is in startup or shutdown mode. The facility was required to stack test the turbine to develop emission factors for NOx and CO. The stack testing was performed on September 21, 2004 with the following results:

<table>
<thead>
<tr>
<th>Condition</th>
<th>CO (lb/hr) average of three test runs</th>
<th>NOx (lb/hr) average of three test runs</th>
</tr>
</thead>
<tbody>
<tr>
<td>100% load</td>
<td>0.1</td>
<td>15.6</td>
</tr>
<tr>
<td>80% load</td>
<td>2.7</td>
<td>12.6</td>
</tr>
<tr>
<td>60% load</td>
<td>5.2</td>
<td>9.8</td>
</tr>
<tr>
<td>45% load</td>
<td>9.3</td>
<td>9.0</td>
</tr>
<tr>
<td>25% load</td>
<td>16.6</td>
<td>7.8</td>
</tr>
</tbody>
</table>

Construction Permit No. 042003-042A
This amendment to Construction Permit No. 042003-042 was issued on July 30, 2003 to amend and add special conditions. A new limit of carbon monoxide (CO) of 100 tons in any consecutive 12-month period was established for the turbine and engine to account for the request to amend the minimum operating load requirement for the turbine. The special condition relating to operating load of the turbine was removed allowing it to run below 50% load, and different stack test requirements were include to develop a better emission factor for the process. Additionally two 12,000 gallon fuel oil storage tanks will be installed, rather than the single 15,000 gallon storage tank that was originally permitted. The CO and NOx limitations were requested by the facility to avoid PSD review. Special Condition #1.C. states “these records shall also indicate the total quantity of CO and NOx emissions from the installation over the previous 12-month period.” The Operating Permit has been modified to require the facility to track the NOx and CO emissions of the Dual Fuel Fired Turbine (P07) and Generator Unit #6 (P08) only since the
conditions was created for them emission units to be conditioned to be less than de minimis levels.

Constitution Permit No. 042003-042B
This amendment to Construction Permit No. 042003-042A was issued on August 21, 2003 to revise the pages for the installation of two fuel tanks, rather than one, in the original permit.

New Source Performance Standards (NSPS) Applicability
40 CFR Part 60 Subpart KKKK, Standards of Performance for Stationary Combustion Turbines
This regulation does not apply to the turbines at the facility since they have not been constructed, modified, or reconstructed after February 18, 2005 per §60.4305.

40 CFR Part 60 Subpart GG, Standards of Performance for Stationary Gas Turbines

<table>
<thead>
<tr>
<th>2014 Emission Point #</th>
<th>Description</th>
<th>Model Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>P04A</td>
<td>Dual Fuel Fired Twin-Pac Turbine – Side A, 1996 (282.98 MMBtu/hr)</td>
<td>GTC, FT4-A9</td>
</tr>
<tr>
<td>P04B</td>
<td>Dual Fuel Fired Twin-Pac Turbine – Side B, 1996 (282.98 MMBtu/hr)</td>
<td>GTC, FT4-A9</td>
</tr>
<tr>
<td>P07</td>
<td>5.5 MW Dual Fuel Fired Turbine (66.92 MMBtu/hr), 2004</td>
<td>Solar, Taurus 60-7801</td>
</tr>
</tbody>
</table>

40 CFR Part 60 Subpart GG, Standards of Performance for Stationary Gas Turbines applies to all of the units at this facility (listed in table above) because they have heat input capacities greater than 10 MMBtu/hr and were constructed after October 3, 1977.

§60.335(b)(2) states “If the turbine combusts both oil and gas as primary or backup fuels, separate performance testing is required for each fuel.” Since the September 24, 2004 NSPS GG performance testing that demonstrated the compliance of the 5.5 MW unit (P07) was done using only distillate oil #2 as fuel, the unit is restricted to using the distillate oil #2 for which it was source tested.

**P04A and P04B**
Per 40 CFR 60.332(b), stationary gas turbines with a heat input load equal to or greater than 107.2 gigajoules per hour (100 MMBtu/hr) have a NOx limit determined by the following equation:

\[
STD = 0.0075 \frac{14.4}{Y} + F
\]

Where:
- STD = allowable NOx emissions (% by volume at 15 percent oxygen and on a dry basis)
- Y = manufacturer’s rated heat rate at manufacturer’s rated load (kilojoules per watt hour), or actual measured heat rate based on lower heating value of fuel as measured at actual peak load for the facility. The value of Y shall not exceed 14.4 kilojoules per watt-hour.

Given: Manufacturer’s Rated Heat Rate: 282.98 MMBtu/hr;
F = NOx emission allowance for fuel bound nitrogen = 0 (this installation does not take credit for fuel-bound nitrogen and therefore the F Factor is 0).

Y for P04A and P04B = \((282.98 \times 10^6 \text{ Btu/hr})(1.0548 \text{ kJ/Btu})(1/20 \times 10^6 \text{ W})\)

\[= 14.92 \text{ kJ/W-hr}\]

Since \(Y = 14.92 \text{ kJ/W-hr}\), and per NSPS GG, the value of \(Y\) shall not exceed 14.4 kilojoules per watt hour, \(Y\) is set to 14.4 kJ/W-hr for the following calculation;

\[
\text{STD} = (0.0075)(14.4/Y) + F
\]

\[= (0.0075)(14.4/14.4) + 0\]

\[= 0.0075\% \text{ or 75 ppmv NOx at 15\% oxygen}\]

This calculation demonstrates that the limit set forth in NSPS GG is satisfied with the BACT limits of Construction Permit #0795-023 and as amended in #0795-023A.

**P07**

Per 40 CFR 60.332(c), stationary gas turbines with a heat input load equal to or greater than 10.7 gigajoules per hour (10 MMBtu/hr) but less than or equal to 107.2 gigajoules per hour (100 MMBtu/hr) have a NOx limit determined by the following equation:

\[
\text{STD} = 0.0150 \frac{14.4}{Y} + F
\]

Using the information submitted in the November 19, 2004 performance test report:

Actual Measured Heat Rate = 66.45 MMBtu/hr,

Load at 100\% = 4.93 \times 10^6 \text{ W}

F = NOx emission allowance for fuel bound nitrogen = 0 (This installation does not take credit for fuel-bound nitrogen and therefore the F Factor is 0)

\[
Y \text{ for P07} = (66.45 \times 10^6 \text{ Btu/hr})(1.0548 \text{ kJ/Btu})(1/4.93 \times 10^6 \text{ W}) = 12.93 \text{ kJ/W-hr}\]

\[
\text{STD} = (0.0150)(14.4/Y) + F
\]

\[= (0.0150)(14.4/12.93) + 0\]

\[= 0.016705\% \text{ or 167.05 ppmv NOx at 15\% oxygen}\]

At the time of permit issuance, this unit (P07) was performance tested using only distillate oil #2. Since §60.335(b)(2) requires a performance test before using the natural gas fuel option, Permit Condition 6 is written in respect to distillate oil #2 combustion only.


<table>
<thead>
<tr>
<th>Emission Point</th>
<th>Capacity (gal)</th>
<th>Capacity (m³)</th>
<th>Substance</th>
</tr>
</thead>
<tbody>
<tr>
<td>T01</td>
<td>125,000</td>
<td>473.18</td>
<td>Diesel fuel</td>
</tr>
<tr>
<td>T02</td>
<td>500</td>
<td>1.89</td>
<td>Diesel fuel</td>
</tr>
<tr>
<td>T03</td>
<td>500</td>
<td>1.89</td>
<td>Gasoline</td>
</tr>
</tbody>
</table>
Under §60.110b(b), this subpart does not apply to storage vessels with a capacity greater than or equal to 151 m³ storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa). Since the 125,000 gallon tank is used to store diesel fuel #2, it has a vapor pressure of 0.06 kPa. Therefore the tank does not meet the vapor pressure action level of 3.5 kPa to be subject under to this standard.

Under §60.110b(a), this subpart does not apply to the rest of the tanks listed in the table above. The individual capacities of the tanks are under the applicable volume of 75 m³ (19,812.9 gallons) as specified in the rule.

40 CFR Part 60 Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

This standard applies to owners and operators of stationary CI ICE that modify or reconstruct their stationary CI RICE after July 11, 2005.

<table>
<thead>
<tr>
<th>Emission Point Number</th>
<th>Description</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>P08</td>
<td>Generator Unit #6 – 1.2 MW Diesel Engine, 2004</td>
<td>Caterpillar, 3512B</td>
</tr>
</tbody>
</table>

As shown in the table above, none of the internal combustion sources were constructed/reconstructed after July 11, 2005. Therefore, this standard does not apply to any sources at this facility.

Maximum Achievable Control Technology (MACT) Applicability


The regulation establishes a national emissions limitation and operating limitation for HAPs emitted from stationary reciprocating internal combustion engines (RICE) located at major and area sources of HAP emissions.

The facility is subject to this subpart based on §63.6585(a), and is subject to the provisions for existing engines located at area sources of HAP emissions. There are two separate permit conditions included in this permit since there is one (1) emergency generator that is less than five hundred (500) horsepower E01 and one (1) generator that is 1,940 Hp (P08)
Although federal regulation 40 CFR Part 63 Subpart ZZZZ has no time limit on the use of emergency stationary RICE units in emergency situations, state regulation 10 CSR 10-6.061(3)(A)BB does. If any of the emergency engines operate for more than 500 hours annually, the permittee must submit a Construction Permit Application.

Initial Compliance testing for P08 was completed on May 11, 2012

Since the facility is an area source for HAPs, this regulation does not apply. §63.6085 states that you are subject to this subpart if you own or operate a stationary combustion turbine located at a major source of HAP emissions.

The facility is subject to this rule since it has gasoline storage tanks. Since T03, T08, T09, and T10 have a monthly throughput of less than 10,000 gallons of gasoline, the emission points must comply with the requirements in §63.11116.

National Emission Standards for Hazardous Air Pollutants (NESHAP) Applicability
None.

Compliance Assurance Monitoring (CAM) Applicability
40 CFR Part 64, Compliance Assurance Monitoring (CAM)
The CAM rule applies to each pollutant specific emission unit that:
- Is subject to an emission limitation or standard, and
- Uses a control device to achieve compliance, and
- Has pre-control emissions that exceed or are equivalent to the major source threshold.

40 CFR Part 64 is not applicable because none of the pollutant-specific emission units uses a control device to achieve compliance with a relevant standard.

Greenhouse Gas Emissions
Note that this source is subject to the Greenhouse Gas Reporting Rule. However, the preamble of the GHG Reporting Rule clarifies that Part 98 requirements do not have to be incorporated in Part 70 permits operating permits at this time. In addition, Missouri regulations do not require the installation to report CO₂ emissions in their Missouri Emissions Inventory Questionnaire; therefore, the installation’s CO₂ emissions were not included within this permit. The applicant is required to report the data directly to EPA. The public may obtain CO₂ emissions data for this installation by visiting http://epa.gov/ghgreporting/ghgdata/reportingdatasets.html.
Updated Potential to Emit for the Installation

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Potential to Emit (tons/yr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO</td>
<td>25.75</td>
</tr>
<tr>
<td>HAP</td>
<td>0.66</td>
</tr>
<tr>
<td>NOₓ</td>
<td>269.72</td>
</tr>
<tr>
<td>PM₁₀</td>
<td>9.40</td>
</tr>
<tr>
<td>PM₂.₅</td>
<td>9.38</td>
</tr>
<tr>
<td>SOₓ</td>
<td>1.23</td>
</tr>
<tr>
<td>VOC</td>
<td>5.74</td>
</tr>
</tbody>
</table>

¹Each emission unit was evaluated at 8,760 hours of uncontrolled annual operation unless otherwise noted. P04A and P04B evaluated at a combined 8,000 hours of uncontrolled annual operations. Engine E01 evaluated at 500 hours.
³VOC emissions from tanks were not included in the potential emissions calculations.
Other Regulatory Determinations

10 CSR 10-6.220, Restriction of Emissions of Visible Air Contaminants
This rule is not applicable to turbines and diesel engines located at the facility because of 10 CSR 10-6.220(1)(A), since the engines are internal combustion engines operated outside the Kansas City or St. Louis metropolitan areas.

The space heaters are natural gas fired with a potential emission less than 0.5 lb PM/hr. Due to these potential emission rates, visible emissions are not expected, therefore no monitoring or recordkeeping is required.

10 CSR 10-6.350, Emission Limitations and Emissions Trading of Oxides of Nitrogen
The emission units are exempt from 10 CSR 10-6.350(1)(B)(2), due to the operating hours being less than 400 during the control period. These units operate a generator with a nameplate capacity of sixty megawatts (60 MW).

10 CSR 10-6.360, Control of NO\textsubscript{x} Emissions from Electric Generating Units and Non-Electric Generating Boilers
This rule is not applicable to this facility because it is located in a county not listed in the applicability section of 10 CSR 10-6.360(1)(A).

10 CSR 10-6.362, Clean Air Interstate Rule Annual NO\textsubscript{x}
P04A and P04B, Dual Fuel Fired Twin-Pac Turbines, are subject to the Clean Air Interstate Rule (CAIR) Annual NO\textsubscript{x} rule. The CAIR application has been included in the permit as Attachment E.

10 CSR 10-6.364, Clean Air Interstate Rule Seasonal NO\textsubscript{x} Trading Program
P04A and P04B, Dual Fuel Fired Twin-Pac Turbines, are subject to the Clean Air Interstate Rule (CAIR) Seasonal NO\textsubscript{x} Trading Program. The CAIR application has been included in the permit as Attachment E.

10 CSR 10-6.366, Clean Air Interstate Rule SO\textsubscript{2} Trading Program
P04A and P04B, Dual Fuel Fired Twin-Pac Turbines, are subject to the Clean Air Interstate Rule (CAIR) Seasonal NO\textsubscript{x} Trading Program. The CAIR application has been included in the permit as Attachment E.

10 CSR 10-6.260, Restriction of Emission of Sulfur Compounds
Although this regulation has been removed from the State of Missouri Rules, it is still in the State Implementation Plan (SIP) and therefore must be included as an applicable requirement in the operating permit. Once the SIP is updated and the regulation removed it will no longer be applicable to Emission Units E01 and E08.

The turbines at the facility are subject to NSPS Subpart GG, and therefore exempt from this rule per 10 CSR 10-6.260(1)(A)1.

The space heaters are exempt from this rule per 10 CSR 10-6.260(1)(A)2, since they burn pipeline grade natural gas.
Emission units E01, P08, are subject to the new source provisions of this rule. From each emission point, the facility shall not cause emissions into the atmosphere gases containing more than five hundred parts per million by volume (500 ppmv) of sulfur dioxide or more than thirty-five milligrams per cubic meter (35 mg/m³) of sulfuric acid or sulfur trioxide or any combination of those gases averaged on any consecutive three (3)-hour time period.

Below is the calculation to demonstrate that complying with the requirements of buying ultra-low sulfur diesel that has less than 15 ppm will result in compliance with 10 CSR 10-6.260.

\[
\text{Distillate Oil SO}_2 \text{ emission factor} = \frac{\text{lb}}{\text{MMBtu}} = \frac{142(0.0015)\text{lbs}/10^3\text{gal}}{140 \text{ MMBtu}/10^3\text{gal}} = 0.0015 \text{ lb/MMBtu}
\]

(AP-42 Table 1.3-1(5/10))

\[
ppmv \text{ SO}_2 = \left(\frac{0.0015 \text{ lb}}{\text{MMBtu}}\right) \times \left(\frac{\text{MMBtu}}{10,320 \text{ wscf}}\right) \times \left(\frac{\text{ppmw}}{1.660E^{-7} \text{lb/scf}}\right) \times \left(\frac{0.45 \text{ ppmv}}{\text{ppmw}}\right) = 0.399 \text{ ppmv}
\]

(Appendix A-7 to Part 60)

10 CSR 10-6.261, *Control of Sulfur Dioxide Emissions*

Emergency generator E01 and generator P08 are exempt from this rule. 10 CSR 10-6.261(1)(C)2 states that a facility is exempt if the units are subject to a more restrictive SO₂ emission limit or more restrictive fuel sulfur content under any federally enforceable permit. Permit Conditions 1 and 8 restrict the sulfur content to 15 ppm respectively.

**Other Regulations Not Cited in the Operating Permit or the Above Statement of Basis**

Any regulation which is not specifically listed in either the Operating Permit or in the above Statement of Basis does not appear, based on this review, to be an applicable requirement for this installation for one or more of the following reasons:

1. The specific pollutant regulated by that rule is not emitted by the installation;
2. The installation is not in the source category regulated by that rule;
3. The installation is not in the county or specific area that is regulated under the authority of that rule;
4. The installation does not contain the type of emission unit which is regulated by that rule;
5. The rule is only for administrative purposes.

Should a later determination conclude that the installation is subject to one or more of the regulations cited in this Statement of Basis or other regulations which were not cited, the installation shall determine and demonstrate, to the APCP's satisfaction, the installation's compliance with that regulation(s). If the installation is not in compliance with a regulation which was not previously cited, the installation shall submit to the APCP a schedule for achieving compliance for that regulation(s).
Response to Public Comments

The draft Part 70 Operating Permit for Higginsville Municipal Power Plant (107-0038) was placed on public notice as of February 24, 2017 for a 30-day comment period. The public notice was published on the Department of Natural Resources’ Air Pollution Control Program’s web page at http://www.dnr.mo.gov/env/apcp/PermitPublicNotices.htm. On March 13, 2017 the Air Pollution Control Program received comments from Verbal Blakey, BHMG Engineers on behalf of the facility and on March 21, comments were received from Mark Smith, EPA Region 7. The comments are addressed below in the order in which they appear within the letter.

******************************************************************************

Comment #1 from Verbal Blakey: The Statement of Basis, page SB-1, under “Decommissioning of Emission Unit,” lists correctly that emission point P01 was removed in 2015. However, permit condition #7 starting on page 17 and permit condition #9 starting on page 25 are specific to the removed unit, P01. We are requesting that these permit conditions #7 and #9 be removed.

Response to Comment: Permit Conditions #7 and #9 have been removed and the permit conditions have been renumbered.

Comment #2 from Verbal Blakey: The City Administrator changed as of January 2017 due to a retirement. Page 38 lists Lee Barker as the City Administrator and it needs to be changed to Jeanette Dobson.

Response to Comment: The City Administrator has been changed from Lee Barker to Jeanette Dobson.

Comment #3 from Verbal Blakey: Permit Condition1, page 11, Reporting #1 – this condition only applies if the unit operates due to ERC reliability.

Response to Comment: Reporting Condition #1 and Table 7 have been replaced with the following in order to clarify what is required:

“If the emergency generator is contractually obligated to be available for more than 15 hours per year for the purposes specified in §63.6640(f)(2)(ii) and (iii) or if it operates for the purposes specified in §63.6640(f)(4)(ii), the permittee must submit a report containing the information in §63.6650(h)(1) annually according to the requirements in §63.6650(h)((2)-(3) [§63.6650(a)]”

Comment #4 from Verbal Blakey: Permit condition #8, page 21, Subsequent Performance Testing #1 – the unit can test every five (5) years if it is a limited use engine (less than 100 hours per year).

Response to Comment: Table 3 of 40 CFR Part 63 Subpart ZZZZ was included in the permit condition to include all options including the option to test every 5 years if the engine is an existing, non-emergency, non-black start CI RICE >500 hp that is a limited use RICE.

Comment #1 from Mark Smith: Permit Condition 1: Emission Limitation 4 requires the permittee to minimize the engine time spend at idle during startup and minimizes startup time for appropriate and safe loading, not to exceed 30 minutes; after which time applicable emission standards other than startup emission standards in Table 2d apply. However, the applicable part of Table 2d, as
included in Permit Condition 1, does not include emission standards, therefore EPA suggests MDNR add clarity to Emission Limitation 4.

Operational Limitations 1 and 2 both contain references to emission limitations in Table 2d and Table 2d does not include any emission limitations. EPA suggests MDNR add clarity to Operational Limitations 1 and 2.

Operational Limitation 4 includes several references to several “paragraphs throughout various sections.” Part 70 Operating Permits do not normally include paragraphs and sections and EPA recommends MDNR consider modifying Operational Limitation 4.

Record keeping Requirement 5 appears to have identical requirements as record keeping requirements 3 and 4. EPA suggests MDNR consider eliminating the redundancy.

Response to Comment: Emission Limitation 4, and Operational Limitations 1 and 2 have been updated and Operational Limitation 3 has been removed. Operational Limitation 4 has been updated. Record Keeping Requirement 5 has been removed. Reporting Requirements 3 and 4 have been updated.

Comment #2 from Mark Smith: Monitoring and recordkeeping requirements in both Permit Condition 2 and Permit Condition 3 reference utilization of emission factors developed during compliance testing. However there is no discussion of when initial compliance testing was completed or what are the resulting emission factors for NOx and CO. Additionally, Attachment B does not include a CO emission factor for the turbine, Emission Unit P07. EPA recommends MDNR add an appropriate CO emission factor in Attachment B and enhance the Statement of Basis discussion on compliance testing completed to develop the emission factors.

Response to Comment: The emission factors derived from stack testing performed on September 21, 2004 for the Turbine at various loads are added to the emissions tracking sheets.

Comment #3 from Mark Smith: The practical enforceability of the Operational Limitations, in both Permit Condition 2 and Permit Condition 3, might be enhanced if MDNR considered: “The permittee shall combust no fuels other than natural gas or distillate fuel #3 in combustion turbine and no fuels other than distillate fuel #2 in the engine, at any time,” and “The permittee shall use overhauled turbines in the exchange program with identical horse power, heat rate, and emission characteristics, as the turbine being replaced.

Response to Comment: The operational limitations have been changes as suggested.

Comment #4 from Mark Smith: EPA suggest MDNR consider modifying monitoring/record keeping requirement 3 in Permit Condition 6 to enhance the practical enforceability by modifying the wording to the following: “The permittee shall maintain and make available on request, records detailing the quantity of fuel consumed and the ration of water to fuel being fired in the turbines as recorded by the continuous monitoring system.”

Response to Comment: The changes to Monitoring/Recordkeeping Requirement 3 in Permit Condition 6 have been changes as suggested.

Comment #5 from Mark Smith: Operational Limitations in Permit Condition 7 includes reference to various requirements of sections of Subpart ZZZZ, EPA recommends MDNR consider
modifying the permit condition to clarify. Also Reporting Requirements 2 and 3 require the permittee to submit compliance reports to MDNR. However EPA is responsible for the compliance management of area sources subject to Subpart ZZZZ, therefore compliance reports should be submitted to the Missouri Air Compliance Coordinator at EPA Region 7 in Lenexa, KS.

Response to Comment: The operational limitations of Permit Condition 7 currently state the following:

Operational Limitations:
1) The permittee must maintain the catalyst so that the pressure drop across the catalyst does not change by more than two (2) inches of water from the pressure drop across the catalyst that was measured during the initial performance test. [§63.6603(a)]
2) The permittee must maintain the temperature of the stationary RICE exhaust so that the catalyst inlet temperature is greater than or equal to 450 °F and less than or equal to 1350 °F [§63.6603(a)]
3) The permittee must use diesel fuel that meets the requirements in 40 CFR 80.510(b) for non-road diesel fuel. [§63.6604(a)]
   a) Sulfur Content: 15 ppm maximum;
   b) Minimum cetane index of 40; and
   c) Maximum aromatic content of 35 volume percent.

The reporting requirements of Permit Condition 7 have been updated as suggested.

Comment #6 from Mark Smith: EPA suggests that Permit Condition 8 include excerpts of the applicable Tables from Subpart ZZZZ.

Response to Comment: Permit Condition 8 (which is now Permit Condition 7) includes the emission limitations and operational limitations from subpart ZZZZ and also the appropriate excerpts from Table 3 of Subpart ZZZZ which clarifies testing requirements. The remaining requirements from the Tables are referenced from the Subpart.

Comment #7 from Mark Smith: EPA would consider the statement in Permit Condition 8, indicating that initial compliance testing was completed May 11, 2011, is more appropriately placed in the Statement of Basis and not within a permit condition. Also, the discussion in the Statement of Basis on MACT Applicability for Subpart ZZZZ says that there are two separate permit conditions in this permit. EPA finds there are three permit conditions referencing Subpart ZZZZ and therefore, MDNR should correct the statement of basis to agree with the contents of the operating permit.

Response to Comment: Due to the removal of P01, there are now only two permit conditions within the permit for Subpart ZZZZ. The statement that performance testing for P08 was completed in May 2011 has been moved to the Statement of Basis as suggested.

Comment #8 from Mark Smith: The construction permit history in the Statement of Basis, indicates that Permit to Construct #042003-002, issued on April 4, 2003, required the permittee to conduct a stack test on the turbine to develop CO and NOx emission factors. The emission factors, determined by this test are apparently still in use today, some 14 years later. EPA recommends MDNR utilize their regulatory authority given 10 CSR 10-6.065(6)(C)1.C and require Higginsville to retest their turbine stack to confirm the emission factors being used and to require on-going retests at least once during the life of the operating permit.
Response to Comment: Stack testing for CO and NOx was required by Construction Permit 042003-002 and was completed in September 2004 and reviewed by the Air Program Compliance and Enforcement Section. Using the emission factors derived from these stack tests to calculate emissions for annual EIQ reporting, the highest NOx and CO emissions reported in the past five years are 5.9 tons and 1.11 tons, respectively. Because the reported emissions are so far below the emission limits (40 tpy for NOx and 100 tpy for CO) it is not believed that there is a substantial benefit from a compliance perspective to requiring the installation to repeat stack testing at this time.

Comment #9 from Mark Smith: All three Cross-State Air Pollution Control Regulations are applicable to the Higginsville Municipal Power Plant, yet none are included in the draft operating permit.

Response to Comment: CSAPR regulations have been added to the operating permit as Permit Condition 009.

Comment #10 from Mark Smith: All three Cross-State Air Pollution Control Regulations are applicable to the Higginsville Municipal Power Plant, yet none are included in the draft operating permit.

Response to Comment: 10 CSR 10-6.260 is applicable to E01 and E08 and has been included in the operating permit as Permit Condition 010.
ATTACHMENT D
TITLE V: CLEAN AIR INTERSTATE RULE (CAIR) Permit

In accordance with Title V of the Clean Air Act and Missouri State Rules 10 CSR 10-6.362, Clean Air Interstate Rule Annual NOx Trading Program, 10 CSR 10-6.364 Clean Air Interstate Rule Seasonal NOx Trading Program, and 10 CSR 10-6.366, Clean Air Interstate Rule SOx Trading Program, the State of Missouri Issues this CAIR Permit.

Installation Name: Higginsville Municipal Power Plant, ORIS Code 2131
Project Number: 2014-10-055, Permit Number:
P04A and P04B

The permit application submitted for this source, as corrected by the State of Missouri Department of Natural Resources’ Air Pollution Control Program, Operating Permit Section, is attached. The owners and operators of this source must comply with the standard requirements and special provisions set forth in this application.

This CAIR permit applies only to units P04A and P04B at the Higginsville Municipal Power Plant, Facility ID 107-0038.

This CAIR permit is effective for the same five-year period of this operating permit. The designated representative must submit an application for renewal of this permit in conjunction with the operating permit renewal application.

MAY 19 2017
Date

Director or Designee,
Department of Natural Resources
### Emission Unit #

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MAY 19 2017

Ms. Jeanette Dobson
Higginsville Municipal Power Plant
P.O. Box 110
Higginsville, MO 64037

Re: Higginsville Municipal Power Plant, 107-0038
Permit Number: OP2017-043

Dear Ms. Dobson:

Enclosed with this letter is your Part 70 operating permit. Please review this document carefully. Operation of your installation in accordance with the rules and regulations cited in this document is necessary for continued compliance. It is very important that you read and understand the requirements contained in your permit.

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 http://dnr.mo.gov/regions/. The online CAV request can be found at http://dnr.mo.gov/cav/compliance.htm.

You may appeal this permit to the Administrative Hearing Commission (AHC), P.O. Box 1557, Jefferson City, MO 65102, as provided in RSMo 643.078.16 and 621.250.3. If you choose to appeal, you must file a petition with the AHC 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 AHC.

If you have any questions or need additional information regarding this permit, please contact the Air Pollution Control Program (APCP) at (573) 751-4817, or you may write to the Department of Natural Resources, Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

Michael J. Stansfield, P.E.
Operating Permit Unit Chief

MJS:jwj

Enclosures

c: PAMS File: 2014-10-055