



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: OP2018-012
Expiration Date: JAN 29 2023
Installation ID: 069-0034
Project Number: 2017-08-056

Installation Name and Address

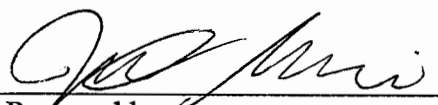
Malden Municipal Power and Light
405 South Beckwith
Malden, MO 63863
Dunklin County


Parent Company's Name and Address

Malden Municipal Power and Light
111 East Laclede
Malden MO, 63863

Installation Description:

Malden Municipal Power and Light produces electricity for their surrounding community. The installation generates electricity through four dual fuel fired emergency generators and three diesel nonemergency generators. The installation also includes three 12,000 gallon capacity petroleum storage tanks and one 20,000 gallon capacity petroleum storage tank to provide fuel to the diesel generators. Located in an attainment area, the installation is a major source of Nitrogen Oxides (NO_x) and not a named source. No NSPS regulations apply to this installation. The only MACT regulation to apply to this installation is 40 CFR Part 63, Subpart ZZZZ *National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines*.


Prepared by
Justin Spasovski
Operating Permit Unit


Director of Designee
Department of Natural Resources

JAN 29 2018

Effective Date

Table of Contents

I. INSTALLATION EQUIPMENT LISTING	3
EMISSION UNITS WITH LIMITATIONS.....	3
EMISSION UNITS WITHOUT SPECIFIC LIMITATIONS.....	3
II. PLANT WIDE EMISSION LIMITATIONS.....	4
III. EMISSION UNIT SPECIFIC EMISSION LIMITATIONS	5
PERMIT CONDITION 001	5
10 CSR 10-6.060 Construction Permits Required.....	5
Construction Permit 0796-007, issued July 5, 1996.....	5
PERMIT CONDITION 002.....	6
10 CSR 10-6.075 Maximum Achievable Control Technology Regulations	6
40 CFR Part 63, Subpart ZZZZ National Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.....	6
PERMIT CONDITION 003.....	14
10 CSR 10-6.075 Maximum Achievable Control Technology Regulations	14
40 CFR Part 63, Subpart ZZZZ National Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.....	14
PERMIT CONDITION 004.....	19
10 CSR 10-6.260 Restriction of Emissions of Sulfur Compounds ⁴	19
PERMIT CONDITION 005.....	19
10 CSR 10-6.260 Restriction of Emissions of Sulfur Compounds ⁴	19
PERMIT CONDITION 006.....	20
10 CSR 10-6.261 Control of Sulfur Dioxide Emissions ⁵	20
PERMIT CONDITION 007.....	21
10 CSR 10-6.261 Control of Sulfur Dioxide Emissions ⁵	21
IV. CORE PERMIT REQUIREMENTS	23
V. GENERAL PERMIT REQUIREMENTS.....	29
VI. ATTACHMENTS	35
ATTACHMENT A	36
Fugitive Emission Observations.....	36
ATTACHMENT B	37
0796-007 NO _x Tracking Sheet	37

I. Installation Equipment Listing

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.

<u>Emission Unit #</u>	<u>Description of Emission Unit</u>
EP1.2	2598 HP Diesel Generator, 1995
EP1.3	2598 HP Diesel Generator, 1995
EP1.4	2598 HP Diesel Generator, 1995
EP1.5	1920 HP Dual-fired Emergency Generator, 1956
EP1.6	2880 HP Dual-fired Emergency Generator, 1963
EP1.7	4000 HP Dual-fired Emergency Generator, 1972
EP1.8	6000 HP Dual-fired Emergency Generator, 1973

EMISSION UNITS WITHOUT SPECIFIC LIMITATIONS

The following list provides a description of the equipment that does not have unit specific limitations at the time of permit issuance.

<u>Description of Emission Source</u>	
EP2.1	12,000 gallon Diesel Storage Tank, 1953
EP2.2	20,000 gallon Diesel Storage Tank, 1953
EP2.3	12,000 gallon Diesel Storage Tank, 1953
EP2.4	12,000 gallon Diesel Storage Tank, 1994
EP3.1	0.3 MMBtu/hr Natural Gas Space Heater
EP3.2	0.3 MMBtu/hr Natural Gas Space Heater

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 and 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.

PERMIT CONDITION 001	
10 CSR 10-6.060 Construction Permits Required Construction Permit 0796-007, issued July 5, 1996	
Emission Unit	Description
EP1.2	2598 HP Diesel Generator, 1995
EP1.3	2598 HP Diesel Generator, 1995
EP1.4	2598 HP Diesel Generator, 1995

Emission Limitation:

The permittee shall emit no more than 40.0 tons of NO_x from EP1.2, EP1.3, and EP1.4 in any consecutive 12-month period. [Special Condition 1]

Monitoring/Recordkeeping:

The permittee shall record the monthly and the sum of the most recent 12-months of NO_x emissions (in tons) from EP1.2, EP1.3, and EP1.4 using Attachment B or an equivalent form. These records shall be kept on-site and shall cover, at a minimum, the previous 60-month period. These records shall be made available for inspection to the Department of Natural Resources' personnel upon request. [Special Condition 2]

Reporting:

- 1) The permittee shall report to the Air Pollution Control Program's Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102 or AirComplianceReporting@dnr.mo.gov, no later than ten days after the end of the month during which records indicate an exceedance of the emission limitation. [Special Condition 3]
- 2) The permittee shall report any deviations from the requirements of this permit condition in the semi-annual monitoring report and annual compliance certification required by Section V of this permit.

PERMIT CONDITION 002	
10 CSR 10-6.075 Maximum Achievable Control Technology Regulations 40 CFR Part 63, Subpart ZZZZ National Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	
Emission Unit	Description
EP1.2	2598 HP Diesel Generator, 1995
EP1.3	2598 HP Diesel Generator, 1995
EP1.4	2598 HP Diesel Generator, 1995

Non-Emergency Engine Requirements

The permittee shall meet the applicable notification requirements in §63.6645 and in 40 CFR Part 63, Subpart A. [§63.6595(c)]

Emission Limitations:

- 1) The permittee shall comply with the requirements in Table 2d to 40 CFR Part 63, Subpart ZZZZ and the operating limitations in Table 2b to 40 CFR Part 63, Subpart ZZZZ that apply. [§63.6603(a)]

Table 2d to 40 CFR Part 63, Subpart ZZZZ – Requirements for Existing Stationary RICE located at area sources of HAP Emissions

For each...	The permittee shall meet the following requirement, except during periods of startup...	During periods of startup the permittee shall...
3. Non-emergency, non-black start CI stationary RICE >500 HP	a. Limit concentration of CO in the stationary RICE exhaust to 23 ppmvd at 15 percent O ₂ ; or b. Reduce CO emissions by 70 percent or more.	Minimize the engine’s time spent at idle and minimize the engine’s startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply.

Table 2b to 40 CFR Part 63, Subpart ZZZZ – Operating Limitations for Existing CI Stationary RICE >500 HP

For each...	The permittee shall meet the following operating limitation, except during periods of startup...
2. Existing CI stationary RICE >500 HP complying with the requirement to limit or reduce the concentration of CO in the stationary RICE exhaust and using an oxidation catalyst.	a. maintain the catalyst so that the pressure drop across the catalyst does not change by more than two inches of water from the pressure drop across the catalyst that was measured during the initial performance test; and b. 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. ¹

¹The permittee can petition the Administrator pursuant to the requirements of §63.8(f) for a different temperature range.

Fuel Requirements:

Existing non-emergency, non-black start CI stationary RICE with a site rating of more than 300 brake HP with a displacement of less than 30 liters per cylinder that use diesel fuel shall only use diesel fuel that meets the requirements in §80.510(b) for nonroad diesel fuel. [§63.6604(a)]

General Requirements:

- 1) The permittee shall be in compliance with the emission limitations, operating limitations, and other requirements in 40 CFR Part 63, Subpart ZZZZ that apply at all times. [§63.6605(a)]
- 2) At all times the permittee shall 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 40 CFR Part 63, Subpart ZZZZ 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)]

Testing:

- 1) The permittee shall conduct subsequent performance tests as specified in Table 3 of 40 CFR Part 63, Subpart ZZZZ. [§63.6615]
- 2) The permittee shall conduct all performance tests in accordance with §63.6620 Performance Test Methods and Procedures.
- 3) If the permittee is required to install a continuous parameter monitoring system (CPMS) as specified in Table 5 of 40 CFR Part 63, Subpart ZZZZ, the permittee shall install, operate, and maintain each CPMS according to the requirements in §63.6625(b)(1) through (6). [§63.6625(b)]
 - a) The permittee shall prepare a site-specific monitoring plan that addresses the monitoring system design, data collection, and the quality assurance and quality control elements outlined in §63.6625(b)(1)(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 §63.6625(b)(1) through (5) in the 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., thermocouple) 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 (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 shall 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 shall collect data at least once every 15 minutes (see also §63.6635). [§63.6625(b)(3)]
 - d) For a CPMS for measuring temperature range, the temperature sensor shall have a minimum tolerance of 2.8°C (5°F) or one percent of the measurement range, whichever is larger. [§63.6625(b)(4)]

- e) The permittee shall 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 shall conduct a performance evaluation of each CPMS in accordance with the site-specific monitoring plan. [§63.6625(b)(6)]
- 4) Existing non-emergency, non-black start CI engine greater than or equal to 300 HP that are not equipped with a closed crankcase ventilation system shall comply with either §63.6625(g)(1) or (2). The permittee shall follow the manufacturer's specified maintenance requirements for operating and maintaining the open or closed crankcase ventilation systems 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)]
- 5) The permittee shall 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 to 40 CFR Part 63, Subpart ZZZZ apply. [§63.6625(h)]

Table 4 to 40 CFR Part 63, Subpart ZZZZ – Requirements for Performance Tests

For each...	Complying with the requirement to...	The permittee shall...	Using...	According to the following requirements...
1. CI stationary RICE.	a. reduce CO emissions.	i. Measure the O ₂ at the inlet and outlet of the control device; and	(1) Method 3 or 3A or 3B of 40 CFR Part 60, Appendix A, or ASTM Method D6522–00 (Reapproved 2005). ^{a,c}	(a) Measurements to determine O ₂ shall be made at the same time as the measurements for CO concentration.
		ii. Measure the CO at the inlet and the outlet of the control device.	(1) ASTM D6522–00 (Reapproved 2005) ^{a,b,c} or Method 10 of 40 CFR Part 60, Appendix A.	(a) The CO concentration shall be at 15 percent O ₂ , dry basis.
3. Stationary RICE.	a. limit the concentration of CO in the stationary RICE exhaust.	i. Select the sampling port location and the number of traverse points; and	(1) Method 1 or 1A of 40 CFR Part 60, Appendix A §63.7(d)(1)(i).	(a) if using a control device, the sampling site shall be located at the outlet of the control device.
		ii. Determine the O ₂ concentration of the stationary RICE exhaust at the sampling port location; and	(1) Method 3 or 3A or 3B of 40 CFR Part 60, Appendix A, or ASTM Method D6522–00 (Reapproved 2005). ^a	(a) measurements to determine O ₂ concentration shall be made at the same time and location as the measurements for CO concentration.
		iii. Measure moisture content of the stationary RICE exhaust at the sampling port location; and	(1) Method 4 of 40 CFR Part 60, Appendix A, or Test Method 320 of 40 CFR Part 63, Appendix A, or ASTM D 6348–03. ^a	(a) measurements to determine moisture content shall be made at the same time and location as the measurements for CO concentration.
		v. measure CO at the exhaust of the stationary RICE.	(1) Method 10 of 40 CFR Part 60, Appendix A, ASTM Method D6522–00 (2005), ^{a,c} Method 320 of 40 CFR Part 63, Appendix A, or ASTM D6348–03. ^a	(a) CO concentration shall be at 15 percent O ₂ , dry basis. Results of this test consist of the average of the three one-hour or longer runs.

^aIncorporated by reference, see §63.14. The permittee may also obtain copies from University Microfilms International, 300 North Zeeb Road, Ann Arbor, MI 48106.

^bThe permittee may also use Method 320 of 40 CFR Part 63, Appendix A, or ASTM D6348–03.

^cASTM–D6522–00 (2005) may be used to test both CI and SI stationary RICE.

Table 3 to 40 CFR Part 63, Subpart ZZZZ – Subsequent Performance Tests

For each...	Complying with the requirement to...	The permittee shall...
4. Existing non-emergency, non-black start CI stationary RICE >500 HP that are not limited use stationary RICE.	Limit or reduce CO emissions and not using a CEMS.	Conduct subsequent performance tests every 8,760 hours or three years, whichever comes first.

Continuous Compliance Requirements:

- 1) The permittee shall monitor and collect 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 shall 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 monitoring malfunctions, associated repairs, and required quality assurance or control activities in data averages and calculations used to report emission or operating levels. The permittee shall, however, use all the valid data collected during all other periods. [§63.6635(c)]
- 4) The permittee shall demonstrate continuous compliance with each emission limitation, operating limitation, and other requirements in Tables 2b and 2d to 40 CFR Part 63, Subpart ZZZ that apply according to methods specified in Table 6 to 40 CFR Part 63, Subpart ZZZZ. [§63.6640(a)]
- 5) The permittee shall report each instance in which the permittee did not meet each emission limitation or operating limitation in Tables 2b and 2d to 40 CFR Part 63, Subpart ZZZZ that apply. These instances are deviations from the emission and operating limitations in 40 CFR Part 63, Subpart ZZZZ. These deviations shall be reported according to the requirements in §63.6650. If the permittee changes catalyst, the permittee shall reestablish the values of the operating parameters measured during the initial performance test. When the permittee reestablishes the values of the operating parameters, the permittee shall also conduct a performance test to demonstrate that the permittee is meeting the required emission limitation applicable to the stationary RICE. [§63.6640(b)]
- 6) The permittee shall also report each instance in which the permittee did not meet the requirements in Table 8 to 40 CFR Part 63, Subpart ZZZZ that apply. [§63.6640(e)]

General Provisions:

The permittee shall refer to Table 8 to 40 CFR Part 63, Subpart ZZZZ for 40 CFR Part 63, Subpart A applicability.

Table 6 to 40 CFR Part 63, Subpart ZZZZ – Continuous Compliance with Emission Limitations and Other Requirements

For each...	Complying with the requirement to...	The permittee shall demonstrate continuous compliance by...
10. Existing stationary CI RICE >500 HP that are not limited use stationary RICE.	a. Reduce CO emissions, or limit the concentration of CO in the stationary RICE exhaust, and using oxidation catalyst.	i. Conducting performance tests every 8,760 hours or three years, whichever comes first, for CO to demonstrate that the required CO percent reduction is achieved or that the emissions remain at or below the CO concentration limit; and ii. Collecting the catalyst inlet temperature data according to §63.6625(b); and iii. Reducing these data to four-hour rolling averages; and iv. Maintaining the four-hour rolling averages within the operating limitations for the catalyst inlet temperature; and v. Measuring the pressure drop across the catalyst once per month and demonstrating that the pressure drop across the catalyst is within the operating limitation established during the performance test.

Notifications, Reports, and Records:

- 1) The permittee shall 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) The permittee shall 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 shall submit a Notification of Compliance Status according to §63.9(h)(2)(ii). [§63.6645(h)]
- 4) The permittee shall submit each report in Table 7 of 40 CFR Part 63, Subpart ZZZZ that applies. [§63.6650(a)]
- 5) Unless the Administrator has approved a different schedule for submission of reports under §63.10(a), the permittee submit each report by the date in Table 7 of 40 CFR Part 63, Subpart ZZZZ and according to the following requirements: [§63.6650(b)]
 - a) The first Compliance report shall 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) Each subsequent Compliance report shall 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)]
 - c) For each stationary RICE that is subject to permitting regulations pursuant to 40 CFR Part 70, and if the permitting authority has established dates for submitting semiannual reports pursuant to §70.6(a)(3)(iii)(A), the permittee shall submit the first and subsequent Compliance reports with their semi-annual monitoring report required by Section V of this permit. [§63.6650(b)(5)]
- 6) The Compliance report shall contain the following information: [§63.6650(c)]
 - a) Company name and address. [§63.6650(c)(1)]
 - b) Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report. [§63.6650(c)(2)]

- c) Date of report and beginning and ending dates of the reporting period. [§63.6650(c)(3)]
 - d) If a malfunction occurred during the reporting period, the compliance report shall include the number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report shall also include a description of actions taken by the permittee during the malfunction of an affected source to minimize emissions in accordance with §63.6605(b), including actions taken to correct a malfunction. [§63.6650(c)(4)]
 - e) If there are no deviations from any emission or operating limitations that apply, a statement that there were no deviations from the emission or operating limitations during the reporting period. [§63.6650(c)(5)]
 - f) If there were no periods during which the continuous monitoring system (CMS), including CPMS, was out-of-control, as specified in §63.8(c)(7), a statement that there were no periods during which the CMS was out-of-control during the reporting period. [§63.6650(c)(6)]
- 7) For each deviation from an emission or operating limitation occurring for a stationary RICE where the permittee is using a CMS to comply with the emission and operating limitations in 40 CFR Part 63, Subpart ZZZZ, the permittee shall include information in §63.6650(c)(1) through (4) and the following information: [§63.6650(e)]
- a) The date and time that each malfunction started and stopped. [§63.6650(e)(1)]
 - b) The date, time, and duration that each CMS was inoperative, except for zero (low-level) and high-level checks. [§63.6650(e)(2)]
 - c) The date, time, and duration that each CMS was out-of-control, including the information in §63.8(c)(8). [§63.6650(e)(3)]
 - d) The date and time that each deviation started and stopped, and whether each deviation occurred during a period of malfunction or during another period. [§63.6650(e)(4)]
 - e) A summary of the total duration of the deviation during the reporting period, and the total duration as a percent of the total source operating time during that reporting period. [§63.6650(e)(5)]
 - f) A breakdown of the total duration of the deviations during the reporting period into those that are due to control equipment problems, process problems, other known causes, and other unknown causes. [§63.6650(e)(6)]
 - g) A summary of the total duration of CMS downtime during the reporting period, and the total duration of CMS downtime as a percent of the total operating time of the stationary RICE at which the CMS downtime occurred during that reporting period. [§63.6650(e)(7)]
 - h) An identification of each parameter and pollutant (CO) that was monitored at the stationary RICE. [§63.6650(e)(8)]
 - i) A brief description of the stationary RICE. [§63.6650(e)(9)]
 - j) A brief description of the CMS. [§63.6650(e)(10)]
 - k) The date of the latest CMS certification or audit. [§63.6650(e)(11)]
 - l) A description of any changes in CMS, processes, or controls since the last reporting period. [§63.6650(e)(12)]
- 8) Each affected source that has obtained a Title V operating permit pursuant to 40 CFR Part 70 shall report all deviations as defined in 40 CFR Part 63, Subpart ZZZZ in the semiannual monitoring report required by §70.6 (a)(3)(iii)(A). If an affected source submits a Compliance report pursuant to Table 7 of 40 CFR Part 63, Subpart ZZZZ along with, or as part of, the semiannual monitoring report required by §70.6(a)(3)(iii)(A), and the Compliance report includes all required information concerning deviations from any emission or operating limitation in 40 CFR Part 63, Subpart ZZZZ, submission of the Compliance report shall be deemed to satisfy any obligation to report the same

deviations in the semiannual monitoring report. However, submission of a Compliance report shall not otherwise affect any obligation the affected source may have to report deviations from permit requirements to the permit authority. [§63.6650(f)]

- 9) The permittee shall keep the records described in §63.6655(a)(1) through (a)(5), (b)(1) through (b)(3) and (c). [§63.6655(a)]
 - a) A copy of each notification and report that the permittee submitted to comply with 40 CFR Part 63, Subpart ZZZZ, including all documentation supporting any Initial Notification or Notification of Compliance Status that the permittee submitted, according to the requirement in §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)]
- 10) For each CPMS, the permittee 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)]
- 11) The permittee shall keep the records required in Table 6 of 40 CFR Part 63, Subpart ZZZZ to show continuous compliance with each emission or operating limitation that applies. [§63.6655(d)]
- 12) Records shall be in a form suitable and readily available for expeditious review according to §63.10(b)(1). [§63.6660(a)]
- 13) As specified in §63.10(b)(1), the permittee shall keep each record for five years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. [§63.6660(b)]
- 14) The permittee shall keep each record readily accessible in hard copy or electronic form for at least five years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to §63.10(b)(1). [§63.6660(c)]
- 15) All records shall be maintained for five years and shall be made immediately available for inspection to Department of Natural Resources' personnel upon request.
- 16) The permittee shall submit applicable reports as specified in §63.6650 to the Missouri Air Compliance Coordinator at EPA Region VII, 11201 Renner Blvd., Lenexa, KS 66219 and shall send copies to the Missouri Air Pollution Control Program's Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102

Table 7 to 40 CFR Part 63, Subpart ZZZZ – Requirements for Reports

For each...	The permittee shall submit a...	The report shall contain...	The permittee shall submit the report...
1. Existing non-emergency, non-black start stationary CI RICE >300 HP located at an area source of HAP	Compliance report	a. If there are no deviations from any emission limitations or operating limitations that apply, 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 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; or	i. Semiannually according to the requirements in §63.6650(b)(1) – (5) for engines that are not limited use stationary RICE subject to numerical emission limitations; and
		b. If the permittee had a deviation from any emission limitation or operating limitation during the reporting period, the information in §63.6650(d). If there were periods during which the CMS, including CPMS, was out-of-control, as specified in §63.8(c)(7), the information in §63.6650(e); or	i. Semiannually according to the requirements in §63.6650(b).
		c. If a malfunction occurred during the reporting period, the information in §63.6650(c)(4).	i. Semiannually according to the requirements in §63.6650(b).

PERMIT CONDITION 003	
10 CSR 10-6.075 Maximum Achievable Control Technology Regulations 40 CFR Part 63, Subpart ZZZZ National Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	
Emission Unit	Description
EP1.5	1920 HP Dual-fired Emergency Generator, 1956
EP1.6	2880 HP Dual-fired Emergency Generator, 1963
EP1.7	4000 HP Dual-fired Emergency Generator, 1972
EP1.8	6000 HP Dual-fired Emergency Generator, 1973

The permittee shall meet the applicable notification requirements in §63.6645 and in 40 CFR Part 63, Subpart A. [§63.6595(c)]

Operating Limitations:

- 1) The permittee shall comply with the requirements in Table 2d to 40 CFR Part 63, Subpart ZZZZ that apply. [§63.6603(a)]
- 2) If the engines operates for the purpose specified in §63.6640(f)(4)(ii), the permittee shall use diesel fuel that meets the requirements in §80.510(b) for nonroad 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)]

Table 2d to 40 CFR Part 63, Subpart ZZZZ — Requirements for Existing Stationary RICE Located at Area Sources of HAP Emissions

For each...	The permittee shall meet the following requirement, except during periods of startup...	During periods of startup the permittee shall...
4. Emergency stationary CI RICE ³	a. Change oil and filter every 500 hours of operation or annually, whichever comes first; ²	Minimize the engine’s time spent at idle and minimize the engine’s startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply.
	b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and	
	c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.	

²The permittee has 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 40 CFR Part 63, Subpart ZZZZ.

³If 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, 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. The permittee shall 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.

Continuous Compliance Requirements:

- 1) The permittee shall operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop a maintenance plan which shall 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. [§63.6625(e)]
- 2) The permittee shall install a non-resettable hour meter if one is not already installed. [§63.6625(f)]
- 3) The permittee shall 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 to 40 CFR Part 63, Subpart ZZZZ apply. [§63.6625(h)]
- 4) The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Table 2d to 40 CFR Part 63, Subpart ZZZZ. The oil analysis shall be performed at the same frequency specified for changing the oil in Table 2d to 40 CFR Part 63, Subpart ZZZZ. The analysis program shall 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 shall change the oil within two 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 permittee shall change the oil within two business days or before commencing operation, whichever is later. The permittee shall 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 shall be part of the maintenance plan for the engine. [§63.6625(i)]

- 5) The permittee shall demonstrate continuous compliance with each requirement in Table 2d to 40 CFR Part 63, Subpart ZZZZ that apply according to methods specified in Table 6 to 40 CFR Part 63, Subpart ZZZZ. [§63.6640(a)]
- 6) The permittee shall report each instance in which the permittee did not meet each limitation in Table 2d to 40 CFR Part 63, Subpart ZZZZ that apply. These instances are deviations from the limitations in 40 CFR Part 63, Subpart ZZZZ. These deviations shall be reported according to the requirements in §63.6650. [§63.6640(b)]
- 7) The permittee shall also report each instance in which the permittee did not meet the requirements in Table 8 to 40 CFR Part 63, Subpart ZZZZ that apply. [§63.6640(e)]
- 8) The permittee shall operate the emergency stationary RICE according to the requirements in §63.6640(f)(1) through (4). 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, as described in §63.6640(f)(1) through (4), is prohibited. If the permittee does not operate the engine according to the requirements in §63.6640(f)(1) through (4), the engine will not be considered an emergency engine under 40 CFR Part 63, Subpart ZZZZ and shall meet all requirements for non-emergency engines. [§63.6640(f)]
 - a) There is no time limit on the use of emergency stationary RICE in emergency situations. [§63.6640(f)(1)]
 - b) The permittee may operate the emergency stationary RICE for any combination of the purposes specified in §63.6640(f)(2)(i) through (iii) for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by §63.6640(f)(4) counts as part of the 100 hours per calendar year allowed by this paragraph. [§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)]
 - c) 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 §63.6640(f)(2). Except as provided in §63.6640(f)(4)(i) and (ii), 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 permittee. [§63.6640(f)(4)(ii)(E)]

Table 6 to 40 CFR Part 63, Subpart ZZZZ — Continuous Compliance With Emission Limitations and Other Requirements

For each...	Complying with the requirement to...	The permittee shall demonstrate continuous compliance by...
9. Existing emergency and black start stationary RICE located at an area source of HAP	a. Work or Management practices	i. Operating and maintaining the stationary RICE according to the manufacturer’s emission-related operation and maintenance instructions; or
		ii. Develop and follow a maintenance plan which shall 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.

General Provisions:

The permittee shall refer to Table 8 to 40 CFR Part 63, Subpart ZZZZ for 40 CFR Part 63, Subpart A applicability.

Notifications, Reports, and Records:

- 1) The permittee shall submit each report in Table 7 of 40 CFR Part 63, Subpart ZZZZ that applies. [§63.6650(a)]
- 2) Unless the Administrator has approved a different schedule for submission of reports under §63.10(a), the permittee shall submit each report by the date in Table 7 of 40 CFR Part 63, Subpart ZZZZ. [§63.6650(b)]
- 3) Emergency stationary RICE with a site rating of more than 100 brake HP that operate for the purpose specified in §63.6640(f)(4)(ii) shall submit an annual report according to the following requirements: [§63.6650(h)]
 - a) The report shall 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 shall 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) Annual reports for each calendar year shall be submitted no later than March 31 of the following calendar year. [§63.6650(h)(2)]
 - c) The annual report shall 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 40 CFR Part 63, Subpart ZZZZ is not available in CEDRI at the time that the report is due, the written report shall be submitted to the Administrator at the appropriate address listed in §63.13. [§63.6650(h)(3)]
- 4) The permittee shall keep the records required in Table 6 of 40 CFR Part 63, Subpart ZZZZ to show continuous compliance with each limitation that applies. [§63.6655(d)]
 - 5) The permittee shall 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 a maintenance plan. [§63.6655(e)]
 - 6) The permittee shall keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The permittee shall 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 shall 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)]
 - 7) Records shall be in a form suitable and readily available for expeditious review according to §63.10(b)(1). [§63.6660(a)]
 - 8) As specified in §63.10(b)(1), the permittee shall keep each record for five years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. [§63.6660(b)]
 - 9) The permittee shall keep each record readily accessible in hard copy or electronic form for at least five years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to § 63.10(b)(1). [§63.6660(c)]
 - 10) All records shall be maintained for five years and shall be made immediately available for inspection to Department of Natural Resources' personnel upon request.

Table 7 to 40 CFR Part 63, Subpart ZZZZ — Requirements for Reports

For each...	The permittee shall submit a...	The report shall contain...	The permittee shall submit the report...
4. Emergency stationary RICE that operate for the purposes specified in §63.6640(f)(4)(ii).	Report	a. The information in §63.6650(h)(1).	i. annually according to the requirements in §63.6650(h)(2)–(3).

PERMIT CONDITION 004	
10 CSR 10-6.260 Restriction of Emissions of Sulfur Compounds ⁴	
Emission Unit	Description
EP1.5	1920 HP Dual-fired Emergency Generator, 1956
EP1.6	2880 HP Dual-fired Emergency Generator, 1963

Emission Limitation:

The permittee shall not cause or permit the emission into the atmosphere gases containing more than 2,000 ppmv of SO₂ or more than 70 mg/m³ of sulfuric acid or sulfur trioxide or any combination of those gases averaged on any consecutive three-hour time period. [10 CSR 10-6.260(3)(A)1.]

Monitoring/Recordkeeping:

- 1) The permittee shall maintain fuel purchase receipts indicating the sulfur content of the diesel.
- 2) These records shall be made available immediately for inspection to the Department of Natural Resources' personnel upon request.
- 3) All records shall be maintained for five years.

Reporting:

- 1) The permittee shall report to the Air Pollution Control Program's Compliance and Enforcement Section, P.O. Box 176, Jefferson City, MO 65102 or AirComplianceReporting@dnr.mo.gov, no later than ten days after any exceedance of any of the terms imposed by this regulation.
- 2) The permittee shall report any deviations from the requirements of this permit condition in the semi-annual monitoring report and compliance certification required by Section V of this permit.

PERMIT CONDITION 005	
10 CSR 10-6.260 Restriction of Emissions of Sulfur Compounds ⁴	
Emission Unit	Description
EP1.2	2598 HP Diesel Generator, 1995
EP1.3	2598 HP Diesel Generator, 1995
EP1.4	2598 HP Diesel Generator, 1995
EP1.7	4000 HP Dual-fired Emergency Generator, 1972
EP1.8	6000 HP Dual-fired Emergency Generator, 1973

Emission Limitation:

The permittee shall not cause or permit the emission into the atmosphere gases containing more than 500 ppmv of SO₂ or more than 35 mg/m³ of sulfuric acid or sulfur trioxide or any combination of those gases averaged on any consecutive three-hour time period.

Monitoring/Recordkeeping:

- 1) The permittee shall maintain fuel purchase receipts indicating the sulfur content of the diesel.

⁴This regulation was rescinded by the State of Missouri on November 30, 2015. The regulation appears in this operating permit as it is contained in Missouri's SIP and is a federal only requirement. This permit condition will no longer be applicable when EPA takes final action to incorporate 10 CSR 10-6.261 in Missouri's SIP in place of 10 CSR 10-6.260. No action is required on the part of the permittee to remove this permit condition from this operating permit upon the removal of 10 CSR 10-6.260 from the Missouri SIP.

- 2) These records shall be made available immediately for inspection to the Department of Natural Resources' personnel upon request.
- 3) All records shall be maintained for five years.

Reporting:

- 1) The permittee shall report to the Air Pollution Control Program's Compliance and Enforcement Section, P.O. Box 176, Jefferson City, MO 65102 or AirComplianceReporting@dnr.mo.gov, no later than ten days after any exceedance of any of the terms imposed by this regulation.
- 2) The permittee shall report any deviations from the requirements of this permit condition in the semi-annual monitoring report and compliance certification required by Section V of this permit.

PERMIT CONDITION 006	
10 CSR 10-6.261 Control of Sulfur Dioxide Emissions ⁵	
Emission Unit	Description
EP1.5	1920 HP Dual-fired Emergency Generator, 1956
EP1.6	2880 HP Dual-fired Emergency Generator, 1963

Operational Limitation:

The permittee shall limit the sulfur content of the liquid fuel combusted to 35,249 ppm.
 [10 CSR 10-6.261(3)(C)]

Monitoring/Recordkeeping:

- 1) The permittee shall demonstrate compliance using: [10 CSR 10-6.261(3)(E)3.]
 - a) Fuel delivery records; or
 - b) Fuel sampling and analysis;
- 2) The permittee shall maintain a list of modifications to the source's operating procedures or other routine procedures instituted to prevent or minimize the occurrence of any excess SO₂ emissions.
- 3) The permittee shall maintain a record of data, calculations, results, records, and reports from any SO₂ emissions fuel deliveries, and/or fuel sampling tests.
- 4) The permittee shall maintain the fuel supplier certification information to certify all fuel deliveries. Bills of lading and/or other fuel delivery documentation containing the following information for all fuel purchases or deliveries are deemed acceptable to comply with the requirements of this rule:
 - a) The name, address, and contact information of the fuel supplier;
 - b) The type of fuel (bituminous or subbituminous coal, diesel, #2 fuel oil, etc.);
 - c) The sulfur content or maximum sulfur content expressed in percent sulfur by weight or in ppm sulfur; and
 - d) The heating value of the fuel.
- 5) Sources using fuel sampling and analysis for compliance shall follow the requirements in 10 CSR 10-6.261(5)(D). [10 CSR 10-6.261(4)(D)]
- 6) These records shall be made available immediately for inspection to the Department of Natural Resources' personnel upon request.
- 7) Records may be kept in either written or electronic form.
- 8) All records shall be maintained for five years.

⁵This regulation has not yet been adopted into Missouri's SIP; therefore, this regulation is a state only requirement. Upon adoption into Missouri's SIP, this regulation will be both a state and federal requirement.

Reporting:

- 1) The permittee shall report any deviations from the emission limitations, monitoring/recordkeeping, and reporting requirements of this permit condition in the semi-annual monitoring report and compliance certification required by Section V of this permit.
- 2) The permittee shall report any excess emissions other than startup, shutdown, and malfunction excess emissions already required to be reported under 10 CSR 10-6.050 to the staff director for each calendar quarter within 30 days following the end of the quarter. In all cases, the notification shall be a written report and shall include, at a minimum, the following: [10 CSR 10-6.261(4)(A)1.]
 - a) Name and location of source;
 - b) Name and telephone number of person responsible for the source;
 - c) Identity and description of the equipment involved;
 - d) Time and duration of the period of SO₂ excess emissions;
 - e) Type of activity;
 - f) Estimate of the magnitude of the SO₂ excess emissions expressed in the units of the applicable emission control regulation and the operating data and calculations used in estimating the magnitude;
 - g) Measures taken to mitigate the extent and duration of the SO₂ excess emissions; and
 - h) Measures taken to remedy the situation which caused the SO₂ excess emissions and the measures taken or planned to prevent the recurrence of these situations.

PERMIT CONDITION 007	
10 CSR 10-6.261 Control of Sulfur Dioxide Emissions ⁵	
Emission Unit	Description
EP1.7	4000 HP Dual-fired Emergency Generator, 1972
EP1.8	6000 HP Dual-fired Emergency Generator, 1973

Operational Limitation:

The permittee shall limit the sulfur content of the liquid fuel combusted to 8,812 ppm.
 [10 CSR 10-6.261(3)(C)]

Monitoring/Recordkeeping:

- 1) The permittee shall demonstrate compliance using: [10 CSR 10-6.261(3)(E)3.]
 - a) Fuel delivery records; or
 - b) Fuel sampling and analysis;
- 2) The permittee shall maintain a list of modifications to the source's operating procedures or other routine procedures instituted to prevent or minimize the occurrence of any excess SO₂ emissions.
- 3) The permittee shall maintain a record of data, calculations, results, records, and reports from any SO₂ emissions fuel deliveries, and/or fuel sampling tests.
- 4) The permittee shall maintain the fuel supplier certification information to certify all fuel deliveries. Bills of lading and/or other fuel delivery documentation containing the following information for all fuel purchases or deliveries are deemed acceptable to comply with the requirements of this rule:
 - a) The name, address, and contact information of the fuel supplier;
 - b) The type of fuel (bituminous or subbituminous coal, diesel, #2 fuel oil, etc.);
 - c) The sulfur content or maximum sulfur content expressed in percent sulfur by weight or in ppm sulfur; and
 - d) The heating value of the fuel.

- 5) Sources using fuel sampling and analysis for compliance shall follow the requirements in 10 CSR 10-6.261(5)(D). [10 CSR 10-6.261(4)(D)]
- 6) These records shall be made available immediately for inspection to the Department of Natural Resources' personnel upon request.
- 7) Records may be kept in either written or electronic form.
- 8) All records shall be maintained for five years.

Reporting:

- 1) The permittee shall report any deviations from the emission limitations, monitoring/recordkeeping, and reporting requirements of this permit condition in the semi-annual monitoring report and compliance certification required by Section V of this permit.
- 2) The permittee shall report any excess emissions other than startup, shutdown, and malfunction excess emissions already required to be reported under 10 CSR 10-6.050 to the staff director for each calendar quarter within 30 days following the end of the quarter. In all cases, the notification shall be a written report and shall include, at a minimum, the following: [10 CSR 10-6.261(4)(A)1.]
 - a) Name and location of source;
 - b) Name and telephone number of person responsible for the source;
 - c) Identity and description of the equipment involved;
 - d) Time and duration of the period of SO₂ excess emissions;
 - e) Type of activity;
 - f) Estimate of the magnitude of the SO₂ excess emissions expressed in the units of the applicable emission control regulation and the operating data and calculations used in estimating the magnitude;
 - g) Measures taken to mitigate the extent and duration of the SO₂ excess emissions; and
 - h) Measures taken to remedy the situation which caused the SO₂ excess emissions and the measures taken or planned to prevent the recurrence of these situations.

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 are only excerpts from the regulation or code, and are 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) 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 to the director in writing at least ten days prior to any maintenance, start-up or shutdown activity 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, notice shall be given as soon as practicable prior to the activity.
- 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. The permittee shall retain the most current operating permit issued to this installation on-site. The permittee shall immediately make such permit available to any Missouri Department of Natural Resources personnel upon request.

10 CSR 10-6.080 Emission Standards for Hazardous Air Pollutants and 40 CFR Part 61 Subpart M National Emission Standard for Asbestos

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.

10 CSR 10-6.110 Reporting of Emission Data, Emission Fees and Process Information

- 1) The permittee shall submit a 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) 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.
- 3) 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.

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 a State Only permit requirement.

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 A, 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.

10 CSR 10-6.180 Measurement of Emissions of Air Contaminants

- 1) The director may require any person responsible for the source of emission of air contaminants to make or have made tests to determine the quantity or nature, or both, of emission of air contaminants from the source. The director may specify testing methods to be used in accordance with good professional practice. The director may observe the testing. All tests shall be performed by qualified personnel.
- 2) The director may conduct tests of emissions of air contaminants from any source. Upon request of the director, the person responsible for the source to be tested shall provide necessary ports in stacks or ducts and other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices as may be necessary for proper determination of the emission of air contaminants.
- 3) The director shall be given a copy of the test results in writing and signed by the person responsible for the tests.

10 CSR 10-6.250 Asbestos Abatement Projects – Certification, Accreditation, and Business Exemption Requirements

This requirement is a State Only permit requirement.

The permittee shall conduct all asbestos abatement projects within the procedures established for certification and accreditation by 10 CSR 10-6.250. This rule requires individuals who work in asbestos 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.

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 at an installation:

- 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";
 - 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.

40 CFR Part 82 Protection of Stratospheric Ozone (Title VI)
--

- 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 40 CFR §82.106.
 - b) The placement of the required warning statement must comply with the requirements of 40 CFR §82.108.
 - c) The form of the label bearing the required warning statement must comply with the requirements of 40 CFR §82.110.
 - d) No person may modify, remove, or interfere with the required warning statement except as described in 40 CFR §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 of 40 CFR Part 82:
 - a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices described in 40 CFR §82.156.
 - b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment described in 40 CFR §82.158.
 - c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR §82.161.
 - d) Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with the record keeping requirements of 40 CFR §82.166. ("MVAC-like" appliance as defined at 40 CFR §82.152).
 - e) Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR §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 40 CFR §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 contained 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

10 CSR 10-6.065(6)(E)3.C Extension of Expired Permits

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. If a timely and complete application for a permit renewal is submitted, but the Air Pollution Control Program fails to take final action to issue or deny the renewal permit before the end of the term of this permit, this permit shall not expire until the renewal permit is issued or denied.

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, Compliance and Enforcement Section, P. O. Box 176, Jefferson City, MO 65102 or AirComplianceReporting@dnr.mo.gov.
 - 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.
 - 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.
- 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 with 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)

If the installation is required to develop and register a risk management plan pursuant to Section 112(R) of the Act, the permittee will verify that it has complied with the requirement to register the plan.

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, Compliance and Enforcement Section, P.O. Box 176, Jefferson City, MO 65102 or AirComplianceReporting@dnr.mo.gov. 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, Compliance and Enforcement Section, P.O. Box 176, Jefferson City, MO 65102 or AirComplianceReporting@dnr.mo.gov, 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, Compliance and Enforcement Section, P.O. Box 176, Jefferson City, MO 65102 or AirComplianceReporting@dnr.mo.gov, 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 permit, 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, Compliance and Enforcement Section, P.O. Box 176, Jefferson City, MO 65102 or AirComplianceReporting@dnr.mo.gov, 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 Ted Bellers, 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 shall be reopened for cause if:

- 1) The Missouri Department of Natural Resources (MoDNR) 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) MoDNR 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) MoDNR 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
Fugitive Emission Observations

Date	Time	Visible Emissions		Excess Emissions		Initial
		Beyond Boundary		Cause	Corrective Action	
		No	Yes ¹			

¹ If visible emissions are observed beyond the property boundary, the permittee shall complete the excess emissions columns.

Attachment B
0796-007 NO_x Tracking Sheet

Date (Month/Year)	Diesel Usage (gal)	NO _x Emission Factor ² (ton/gal)	NO _x Emissions ³ (ton/month)	12-Month Rolling Total NO _x Emissions ⁴ (tpy)
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		
		0.0002192		

²A NO_x Emission Factor of 3.2 lb/MMBtu was taken from AP-42 Table 3.4-1. To convert from lb/MMBtu to lb/gal a heating value of 137,000 Btu/gal was taken from AP-42 Appendix A. There are 2,000 lb/ton.
³NO_x Emissions (ton/month) = Diesel Usage (gal) x NO_x Emission Factor (ton/gal)
⁴12-Month Rolling Total NO_x Emissions (tpy) = This month's NO_x Emissions (ton/month) + the sum of the previous 11 month's NO_x Emissions (ton/month) + all start-up, shutdown, and malfunction NO_x emissions from EP1.2, EP1.3, and EP1.4 reported to the Air Pollution Control Program's Compliance/Enforcement section during the same 12 month period in accordance with 10 CSR 10-6.050. **12-Month Rolling Total NO_x Emissions of less than 40.0 tpy demonstrates compliance with Permit Condition 001.**

STATEMENT OF BASIS

INSTALLATION DESCRIPTION

Malden Municipal Power and Light produces electricity for their surrounding community. The installation generates electricity through four dual fuel fired emergency generators and three diesel nonemergency generators. The installation also includes three 12,000 gallon capacity petroleum storage tanks and one 20,000 gallon capacity petroleum storage tank to provide fuel to the diesel generators. Located in an attainment area, the installation is a major source of nitrogen oxides (NO_x) and is not a named source. No NSPS regulations apply to this installation. The only MACT regulation that applies to this installation is 40 CFR Part 63, Subpart ZZZZ *National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines*.

Updated Potential to Emit for the Installation

Potential to emit was taken from Operating Permit #OP2013-042 as no changes were made to the installation or equipment since the issuance of that permit. EP1.2, EP1.3, and EP1.4 were limited to 40.0 tpy NO_x per Permit Condition 001. This PTE does not include the oxidation catalyst control for EP1.2, EP1.3, and EP1.4 as it is not federally enforceable. EP1.5, EP1.6, EP1.7, and EP1.8 were evaluated using the worst-case fuel for each pollutant and at 500 hours of annual operation due to their emergency status.

Pollutant	Potential to Emit (tons/yr)
PM ₁₀	2.17
PM _{2.5}	2.11
Sulfur Oxides (SO _x)	3.63
Nitrogen Oxides (NO _x)	129.05
Volatile Organic Compounds	6.18
Carbon Monoxide (CO)	36.97
Hazardous Air Pollutants (HAP's)	0.06

Reported Air Pollutant Emissions, tons per year

Pollutants	2016	2015	2014	2013	2012
Particulate Matter ≤ Ten Microns (PM ₁₀)	0.0071	0.0069	0.0150	0.0078	0.0244
Particulate Matter ≤ 2.5 Microns (PM _{2.5})	0.0071	0.0069	0.0150	0.0078	0.0244
Sulfur Oxides (SO _x)	0.0200	0.0195	0.0425	0.0220	0.0667
Nitrogen Oxides (NO _x)	0.3050	0.2960	0.6469	0.3352	1.1425
Volatile Organic Compounds (VOC)	0.0162	0.0157	0.0344	0.0178	0.0593
Carbon Monoxide (CO)	0.0657	0.0637	0.1392	0.0722	0.2364

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 August 24, 2017;
- 2) 2016 Emissions Inventory Questionnaire, received February 16, 2017;
- 3) U.S. EPA document AP-42, *Compilation of Air Pollutant Emission Factors*; Volume I, Stationary Point and Area Sources, Fifth Edition.
- 4) webFIRE; and
- 5) All documents listed under Construction Permit History section.

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

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 construction permits have been issued to this installation:

Construction Permit 0796-007, issued July 10, 1996:

- This de minimis construction permit is for the installation of EP1.2, EP1.3, and EP1.4, three 1825 kW (2598 HP) diesel generators
- Special Condition 1 – 3 have been applied within this permit. (Permit Condition 001)
- The Monthly NO_x Emission Tracking Record from this permit used emission factors from the EPA document 450/4-90-003, “AIRS Facility Subsystem Source Classification Codes and Emission Factor Listing for Criteria Air Pollutants” and are calculated for the three generators operating at maximum design capacity. The emission factors were deemed inaccurate and a new tracking sheet, Attachment B in this permit, was created using updated emission factors from AP-42 Chapter 3.4 and tracks diesel fuel usage.

New Source Performance Standards (NSPS) Applicability

40 CFR Part 60, Subpart Kb *Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984*

This rule is not applicable to the installation. Storage vessels EP2.1, EP2.2, and EP2.3 were installed prior to the compliance date and have not since been reconstructed or modified. EP2.4 is only 12,000 gallons (45.425 m³), which is less than the 75 m³ threshold of §60.110b(a).

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

This rule is not applicable to the installation because all of the engines at the installation were installed prior to the compliance date of July 11, 2005 per §60.4200(a)(2).

Maximum Achievable Control Technology (MACT) Applicability

40 CFR Part 63, Subpart ZZZZ *National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines*

This rule is applicable to the installation's generators and is applied within this permit. (Permit Condition 002 and 003)

40 CFR Part 63, Subpart DDDDD *National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters*

This rule is applicable to boilers and process heaters located at a major source of HAP emissions. This installation is not a major source of HAPs, and the space heaters operated there are not included in the definition of process heaters, therefore this rule does not apply.

National Emission Standards for Hazardous Air Pollutants (NESHAP) Applicability

40 CFR Part 61, Subpart M *National Emission Standard for Asbestos*

This rule is applicable to the installation and has been applied within this permit.

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 may be subject to the Greenhouse Gas Reporting Rule. 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. If required to report, the applicant is required to report the data directly to EPA. The public may obtain CO₂ emissions data by visiting <http://epa.gov/ghgreporting/ghgdata/reportingdatasets.html>.

Other Regulatory Determinations

10 CSR 10-6.220 *Restriction of Emission of Visible Air Contaminants*

- Seven Generator Stacks, EP1
Internal combustion engines are exempt from this rule per 10 CSR 10-6.220(1)(A).
- Two Space Heaters, EP3
The space heaters are exempt from this rule per 10 CSR 10-6.220(1)(L) because they only burn natural gas.

10 CSR 10-6.260 *Restriction of Emission of Sulfur Compounds*

- Seven Generator Stacks, EP1
This rule is applicable to all generators at the installation and has been applied in Permit Conditions 004 and 005.
- Two Space Heaters, EP3
The space heaters are exempt from this rule per 10 CSR 10-6.260(1)(A)2. as they exclusively combust pipeline grade natural gas.

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

- Four Generators, EP1.5, EP1.6, EP1.7, EP1.8
The rule is applicable to the dual-fire emergency generators and has been applied in Permit Conditions 006 and 007.
- Three Generators, EP1.2, EP1.3, and EP1.4
Are subject to a more stringent sulfur content limit in §63.6604(a); therefore, only the most stringent standard has been applied in this permit.
- Two Space Heaters, EP3
The space heaters are exempt from this rule per 10 CSR 10-6.261(1)(A). because they are fueled exclusively with natural gas.

10 CSR 10-6.360 *Control of NO_x Emissions From Electric Generating Units and Non-Electric Generating Boilers*

This rule regulates NO_x emissions from electric generating units that serve a generator with a nameplate capacity greater than twenty-five megawatts (25 MW), 10 CSR 10-6.360(1)(B)1. The largest generator at this installation has a nameplate capacity of 4.30 MW. This generator and all others are well below the 25 MW threshold, and therefore this rule does not apply.

10 CSR 10-6.390 *Control of NO_x Emissions From Large Stationary Internal Combustion Engines*

- Seven Generator Stacks, EP1
This rule does not apply to this installation per 10 CSR 10-6.390(1)(A) and (B) because all of the engines began operation prior to September 30, 1997 and none of the engines at the installation emit greater than one ton of NO_x per day on average during the period from May 1 through September 30 of 1995, 1996, or 1997.

10 CSR 10-6.400 *Restriction of Emission of Particulate Matter From Industrial Processes*

- Seven Generator Stacks, EP1
The reciprocating, diesel engines are exempt from this rule because the diesel generators do not meet the definition of process weight.
- Two Space Heaters, EP3
The burning of fuel for indirect heating is exempt from this rule per 10 CSR 10-6.400(1)(A)6. Both space heaters at this installation are fueled with natural gas.

10 CSR 10-6.405 *Restriction of Particulate Matter Emissions From Fuel Burning Equipment Used For Indirect Heating*

This rule is not applicable to the installation. Per 10 CSR 10-6.405(1)(E) an installation is exempt from this rule if all of the installation's indirect heating sources are fueled by natural gas.

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

On November 16, 2017, we received five comments from Leslye Werner, Active Chief, Air Permitting and Compliance Branch, EPA Region 7. The comments are addressed in the order in which they appear within the letter.

Comment #1: Permit Condition 001 incorporates special conditions from Permit to Construct 0796-007, issued July 5, 1996, which are applicable to three (3) 2598 HP Diesel Generators (Emission Units EP1.2, EP1.3, and EP1.4). Permit Condition 001 limits the permittee to no more than 40.0 tons of NO_x from all three emission units in any consecutive 12-month period. Permit to Construct 0796-007 says: “The conditioned potential emissions are based on 448 hours per year at full operation. This condition is *required* (emphasis added) to remain below the de minimis levels for NO_x.” EPA believes this “hours of operation per year” should have been included as a special condition in the Permit to Construct and also should be included as a limitation in Permit Condition 001.

Additionally, the Monitoring / Record keeping requirement, in Permit Condition 001, requires the permittee to record the monthly and the sum of the most recent 12-months of NO_x emissions (in tons) from EP1.2, EP1.3, and EP1.4 using Attachment B or an equivalent form. The Monitoring / Record keeping requirement references Special Condition 2, of Permit to Construct 0769-007. However, there are noticeable difference between Attachment B (0796-007 NO_x Tracking Sheet) and the Monthly Emission Tracking Record required by Special Condition 2 and included within Permit to Construct 0796-007. The Monthly NO_x Emission Tracking Record requires the permittee to track monthly hours of operation for the three emission units and to calculate Monthly NO_x in tons / month by multiplying the total hours of operation times an Hourly NO_x Emission Rate of 178.22 lb/hr. However, Attachment B (0796-007 NO_x Tracking Sheet) requires the permittee to track diesel fuel usage and to calculate NO_x emissions (tons/month) by multiplying the diesel fuel usage times a NO_x emission Factor of 0.0002192 tons/gal; with this emission factor developed using information from AP-42, including the heating value of 137,000 BTU/gal. The Statement of Basis contains no discussion as to why MDNR has chosen to require the permittee to track different variables and use different emission factors in Permit Condition 001, then those required in Permit to Construct 0796-007; and yet purports then to be the same based on the origin of authority for this requirement. EPA suggests that MDNR provide their legal basis for changing the NO_x tracking mechanisms, in the Statement of Basis, including the mathematical transition from hours of operation with an emission factor of lb/hr to gallons of fuel used with an emission factor in tons/gal. EPA also recommends MDNR consider using actual information from the diesel fuel (heating value) used by the permittee, in lieu of an AP-42 average value(s).

Response to Comment: Limiting the hours of operation in Permit Condition 001 to 448 hours would be redundant for permitting purposes. Placing a 448 hours of operation per year limit on the engines would also limit the NO_x emissions to fewer than 40.0 tons per year. The *Conditioned Potential Emissions* of Construction Permit 0796-007 is the PTE of the engines calculated with 448 hours per year of operation to demonstrate what all criteria pollutants will be with the NO_x limit. Both limits do the same thing; therefore no changes were made to this condition.

The original NO_x tracking sheet found in Construction Permit 0796-007 used emission factors from the U.S EPA document 450/4-90-003, “AIRS Facility Subsystem Source Classification Codes and Emission Factor Listing for Criteria Air Pollutants.” This document has not been used by the APCP in

some time as the emission factors validity cannot be confirmed. The hourly emission rate was also for all three generators operating at maximum design capacity simultaneously. If only one engine ran all month, the NO_x emissions would be overestimated. The new NO_x tracking sheet was updated to use more recently updated AP-42 emission factors and more accurately tracks diesel usage in gallons. Language has been added to Construction Permits History section in the Statement of Basis.

Comment #2: Permit Condition 003 incorporates applicable requirements of 40 CFR part 63, Subpart ZZZZ-National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines that pertain to a 1920 HP Dual-fired Generator (Emission Unit EP1.5); a 2880 HP Dual-fired Emergency Generator (Emission Unit EP1.6); a 4000 HP Dual-fired Emergency Generator (Emission Unit EP1.7); and a 6000 HP Dual-fired Emergency Generator (Emission Unit EP1.8). Permit Condition 003 allows the permittee the option of utilizing an oil analysis program in order to extend the specified oil change requirements. This oil analysis program requires the permittee to monitor and compare Total Acid Number, viscosity, and percent water content against condemning limits. However, the permit condition does not appear to include a requirement for the permittee to maintain any oil analysis program compliance verification records. Therefore, the oil analysis program, if used by the permittee, may not be practically enforceable. EPA recommends MDNR consider including oil program analysis record keeping requirements in Permit Condition 002 to ensure the collection of verifiable compliance information.

Response to Comment: §63.6625(i) contains recordkeeping requirements for the oil analysis program and is included in Permit Condition 003 under the *Continuous Compliance Requirements* section, condition 4).

Comment #3: Based on the Updated Potential to Emit for the Installation in the Statement of Basis, Malden Municipal Power and Light is an area hazardous air pollutant (HAP) source. Currently, based on 10 CSR 10-6.070, MDNR relies on EPA for the compliance management of area HAP sources and therefore, the reporting requirements, included in Notifications, Reports, and Records requirement 16, for Permit Condition 002, may not as required by Section V of this operating permit. It may be more appropriate for the compliance report to be submitted to the Missouri Air Compliance Coordinator at EPA Region 7, with MDNR receiving copies as necessary and MDNR might consider revising the reporting requirement in Permit Condition 001 to reflect this reporting scenario.

Response to Comment: Permit Condition 002, *Notifications, Reports, and Records* section, condition 16) has been changed to send reports to the Missouri Air Compliance Coordinator at EPA Region VII. Reporting in Permit Condition 001 has not been changed.

Comment #4: Permit Condition 005 incorporates the requirements from 10 CSR 10-6.260-*Restriction of Emission of Sulfur Compounds* to three (3) 2598 HP Diesel Generators (Emission Units EP1.2, EP1.3, and EP1.4); a 4000 HP Dual-fired Emergency Generator (Emission Unit EP1.7); and a 6000 HP Dual-fired Emergency Generator (Emission Unit EP1.8). MDNR provides a footnote which says:

“This regulation was rescinded by the State of Missouri on November 30, 2015. The regulation remains in this operating permit as it is contained in Missouri’s SIP and *remains an applicable federal requirement*. *This is a federal only requirement* (emphasis added). This permit condition will no longer be applicable when EPA takes final action to incorporate 10 CSR 10-6.261 in Missouri’s SIP in place of 10 CSR 10-6.260. No action is required upon the part of the permittee

to remove this permit condition from this operating permit upon the removal of 10 CSR 10-6.260 from the Missouri SIP.”

The requirements incorporated into the Missouri SIP are applicable to appropriate Missouri facilities and therefore, EPA encourages MDNR consider revising this footnote to improve its accuracy by removing the “*and remains an applicable federal requirement. This is a federal only requirement*” language.

Additionally, 10 CSR 10-6.260 *Restriction of Emission of Sulfur Compounds* portion of the *Other Regulatory Determinations* in the Statement of Basis, says:

“This regulation was rescinded from the code of state regulations (CSR). However, this regulation is still contained in Missouri’s State Implementation Plan (SIP). *This regulation is a federally enforceable requirement until it is removed from the SIP, therefore it must appear in this Operating Permit* (emphasis added).”

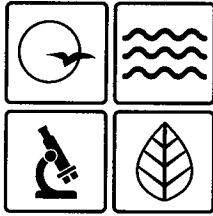
Again, requirements incorporated into the Missouri SIP are applicable to appropriate Missouri facilities and therefore, EPA encourages MDNR consider revising this footnote to improve its accuracy by removing the “*This regulation is a federally enforceable requirement until it is removed from the SIP, therefore it must appear in this Operating Permit*” sentence.

Response to Comment: The language in the footnote for Permit Condition 005 has been slightly changed. The footnote still states that the regulation is a federal requirement, but removes one sentence because of redundancy. The regulation is a federal requirement and needs to be clarified in the footnote.

The entire explanation in the Statement of Basis for 10 CSR 10-6.260 was removed as it was redundant with the explanation found in the footnote in Section III.

Comment #5: Section IV: *Core Permit Requirements* includes 10 CSR 10-6.250: *Asbestos Abatement Projects-Certification, Accreditation, and Business Exemption Requirements* incorporating the Asbestos Hazard Emergency Response Act (AHERA) and its regulations for school districts and personnel working on asbestos activities in schools. The requirements associated with 10 CSR 10-6.250 have not been adopted into the EPA approved Missouri State Implementation Plan (SIP) and is therefore a “State Only Requirement,” and EPA recommends MDNR consider adding a “State Only Requirement” designation to 10 CSR 10-6.250.

Response to Comment: A “State Only Requirement” designation has been added to 10 CSR 10-6.250 in the Core Permit Requirements section.



Missouri Department of dnr.mo.gov

NATURAL RESOURCES

Eric R. Greitens, Governor

Carol S. Comer, Director

JAN 29 2018

Mr. Ted Bellers
Malden Municipal Power and Light
111 East Laclede
Malden, MO 63863

Re: Part 70 Operating Permit Renewal
Installation ID: 069-0034, Permit Number: OP2018-012

Dear Mr. Bellers:

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:jsj

Enclosures

c: PAMS File: 2017-08-056

