

MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

MISSOURI AIR CONSERVATION COMMISSION

PERMIT TO CONSTRUCT

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

Permit Number: 102017-003

Project Number: 2017-03-016
Installation Number: 077-0253

Parent Company: Deere & Co.

Parent Company Address: One John Deere Place, Moline, IL 61265

Installation Name: John Deere Reman Springfield

Installation Address: 4500 E Mustard Way, Springfield, MO 65803

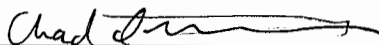
Location Information: Greene County, S2, T29N, R21W

Application for Authority to Construct was made for:

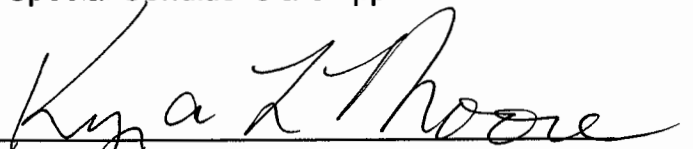
Two dynamometers. This review was conducted in accordance with Section (5), Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*.

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

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



Prepared by
Chad Stephenson
New Source Review Unit



Director or Designee
Department of Natural Resources

OCT 04 2017

Effective Date

STANDARD CONDITIONS:

Permission to construct may be revoked if you fail to begin construction or modification within two years from the effective date of this permit. Permittee should notify the Enforcement and Compliance Section of the Air Pollution Control Program if construction or modification is not started within two years after the effective date of this permit, or if construction or modification is suspended for one year or more.

You will be in violation of 10 CSR 10-6.060 if you fail to adhere to the specifications and conditions listed in your application, this permit and the project review. In the event that there is a discrepancy between the permit application and this permit, the conditions of this permit shall take precedence. Specifically, all air contaminant control devices shall be operated and maintained as specified in the application, associated plans and specifications.

You must notify the Enforcement and Compliance Section of the Department's Air Pollution Control Program of the anticipated date of start up of this (these) air contaminant source(s). The information must be made available within 30 days of actual startup. Also, you must notify the Department's regional office responsible for the area within which you are located within 15 days after the actual start up of this (these) air contaminant source(s).

A copy of the permit application and this permit and permit review shall be kept at the installation address and shall be made available to Department's personnel upon request.

You may appeal this permit or any of the listed special conditions to the Administrative Hearing Commission (AHC), P.O. Box 1557, Jefferson City, MO 65102, as provided in RSMo 643.075.6 and 621.250.3. If you choose to appeal, you must file a petition with the AHC within 30 days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed. If it is sent by any method other than registered mail or certified mail, it will be deemed filed on the date it is received by the AHC.

If you choose not to appeal, this certificate, the project review and your application and associated correspondence constitutes your permit to construct. The permit allows you to construct and operate your air contaminant source(s), but in no way relieves you of your obligation to comply with all applicable provisions of the Missouri Air Conservation Law, regulations of the Missouri Department of Natural Resources and other applicable federal, state and local laws and ordinances.

The Air Pollution Control Program invites your questions regarding this air pollution permit. Please contact the Construction Permit Unit using the contact information below.

Contact Information:

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

The regional office information can be found at the following website:
<http://dnr.mo.gov/regions/>

SPECIAL CONDITIONS:

The permittee is authorized to construct and operate subject to the following special conditions:

The special conditions listed in this permit were included based on the authority granted the Missouri Air Pollution Control Program by the Missouri Air Conservation Law (specifically 643.075) and by the Missouri Rules listed in Title 10, Division 10 of the Code of State Regulations (specifically 10 CSR 10-6.060). For specific details regarding conditions, see 10 CSR 10-6.060 paragraph (12)(A)10. "Conditions required by permitting authority."

John Deere Reman Springfield
Greene County, S2, T29N, R21W

1. Diesel Fuel Limitation
 - A. John Deere Reman Springfield shall use less than 210,000 gallons of diesel fuel in any consecutive 12-month period for EU-12(1) and EU-12(2)
 - B. John Deere Reman Springfield shall develop and use forms to demonstrate compliance with Special Condition 1.A. The forms shall contain at a minimum the following information,
 - 1) Installation name
 - 2) Installation ID
 - 3) Permit number
 - 4) Current month
 - 5) Current 12-month date range
 - 6) Monthly diesel fuel used for EU-12(1) and EU-12(2)
 - 7) 12-month total of diesel fuel used
 - 8) Indication of compliance with limit
2. Fuel Requirement – Engines
 - A. John Deere Reman Springfield shall burn exclusively ultra low sulfur diesel fuel in their engines used on the two dynamometers (EU-12(1) and EU-12(2)) with a sulfur content less than or equal to 15 parts per million by weight.
 - B. John Deere Reman Springfield shall demonstrate compliance with Special Condition 2.A by obtaining records of the fuel's sulfur content from the vendor for each shipment of fuel received or by testing each shipment of fuel for the sulfur content in accordance with the method described in 10 CSR 10-6.040 *Reference Methods*.
 - C. John Deere Reman Springfield shall keep the records required by Special Condition 2.B with the unit and make them available for Department of Natural Resources' employees upon request.
3. Record Keeping and Reporting Requirements
 - A. John Deere Reman Springfield shall maintain all records required by this permit for not less than five years and shall make them available immediately to any Missouri Department of Natural Resources' personnel upon request.

SPECIAL CONDITIONS:

The permittee is authorized to construct and operate subject to the following special conditions:

- B. John Deere Reman Springfield shall report to the Air Pollution Control Program's Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102 or by email at aircompliancereporting@dnr.mo.gov, no later than 10 working days after the end of the month during which any record required by this permit shows an exceedance of a limitation imposed by this permit.

REVIEW OF APPLICATION FOR AUTHORITY TO CONSTRUCT AND OPERATE
SECTION (5) REVIEW

Project Number: 2017-03-016
Installation ID Number: 077-0253
Permit Number: 102017-003

Installation Address:

John Deere Reman Springfield
4500 E Mustard Way
Springfield, MO 65803

Parent Company:

Deere & Co.
One John Deere Place
Moline, IL 61265

Greene County, S2, T29N, R21W

REVIEW SUMMARY

- John Deere Reman Springfield has applied for authority to permit an existing dynamometer that was previously unpermitted and to update emission factors for an a separate previously permitted dynamometer.
- The application was deemed complete on March 16, 2017.
- HAP emissions are expected from the proposed equipment. HAPs of concern from this process are from the combustion of diesel fuel.
- 40 CFR 60 Subpart IIII, "Standards of Performance for Stationary Compression Ignition Internal Combustion Engines" does not apply to the engines tested on the two dynamometers. 40 CFR 60.4200(b) states the subpart is not applicable to stationary CI ICE being tested at stationary CI ICE test cell/stand.
- 40 CFR 63 Subpart ZZZZ, "National Emission Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines" does not apply to the engines tested on the two dynamometers. 40 CFR 63.6585 states the subpart is not applicable to stationary RICE being tested at a stationary RICE test cell/stand.
- None of the NESHAPs apply to this installation.
- No air pollution control equipment is being used in association with the new equipment.
- This review was conducted in accordance with Section (5) of Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*. Potential emissions of all pollutants are conditioned below de minimis levels.

- This installation is located in Greene County, an attainment area for all criteria pollutants.
- This installation is not on the List of Named Installations found in 10 CSR 10-6.020(3)(B), Table 2. The installation's major source level is 250 tons per year and fugitive emissions are not counted toward major source applicability.
- Ambient air quality modeling was not performed since potential emissions of the application are below de minimis levels.
- Emissions testing is not required for the equipment as a part of this permit. Testing may be required as part of other state, federal or applicable rules.
- A Basic Operating Permit amendment application is required for this installation within 30 days of equipment startup.
- Approval of this permit is recommended with special conditions.

INSTALLATION DESCRIPTION

John Deere Reman, located in Springfield, Missouri, provides remanufactured engines and engine components to various John Deere facilities. Currently John Deere Reman has a Permit to Construct (# 0107-254D) from the City of Springfield for an engine test stand and permit # 072011-004 for a spray weld system. As part of permit # 072011-004 John Deere Reman agreed to calculate the potential emissions of their entire installation to determine operating permit applicability and now John Deere Reman Springfield holds a basic operating permit that was last renewed on March 14, 2017.

John Deere Reman has been issued the following construction permits from the City of Springfield Health Department and Missouri Air Pollution Control Program.

Permit Number:	Description:
0107-254D	Engine Test Stand
072011-004	Spray Weld System

PROJECT DESCRIPTION

John Deere Reman Springfield submitted a construction permit application to change specific configurations and associated permit conditions for the dynamometer processes EU-12(1) and EU-12(2) at their facility in Springfield. EU-12(1) is a Superflow SF3100 dynamometer and EU-12(2) is a Taylor DX-32 dynamometer. The Taylor DX-32 was previously permitted by the City of Springfield under permit 0107-254D. The basis for including the Taylor DX-32 dynamometer in this permit is to use updated emission factors and properly describe both dynamometer processes at the

John Deere Reman Springfield facility. The Superflow SF3100 dynamometer has never been permitted and was installed in 1999. This permit is part of a remedial action required by the Air Pollution Control Program for the engines being tested on the Superflow SF3100 dynamometer. The two dynamometers were not installed or modified at the same time and could be considered separate projects; however John Deere Reman Springfield has requested a fuel use limit of a combined 210,000 gallons of diesel fuel each year split between EU-12(1) and EU-12(2). John Deere Reman Springfield will use ultra-low sulfur diesel fuel with a sulfur content less than or equal to 15 parts per million by weight in all the engines tested.

Process EU-12(1) is the Superlow Dyno process for testing reassembled engines. This dyno is expected to test engines as large as 620 horsepower. The worst-case engine category that may be tested includes Tier 0 category engines. Maximum hourly diesel fuel consumption on this dyno would be 32.2 gallons per hour. The average test time for an engine would be 1 hour for a maximum of 24 tests per day on this dynamometer.

Process EU-12(2) is the Taylor Dyno process for testing reassembled engines. This dyno is expected to test engines as large as 300 horsepower. The worst-case engine category that may be tested includes Tier 0 category engines. Maximum hourly diesel fuel consumption on this dyno would be 15.6 gallons per hour. The average test time for an engine would be 1 hour for a maximum of 24 tests per day on this dynamometer.

The nonroad engines being tested on the dynamometers at John Deere Reman Springfield are considered stationary sources. A stationary source is defined in section 302(z) of the Clean Air Act as any source of an air pollutant except those emissions resulting directly from an internal combustion engine for transportation purposes or from a nonroad engine or nonroad vehicle as defined in section 216 of the Clean Air Act. EPA interprets the definition of stationary sources as excluding emissions from internal combustion motor vehicle engines only when those engines are being used for transportation purposes. In the case of John Deere Reman Springfield the reassembled engines are being tested on the dynamometers for testing purposes and the emissions from the engines are not created while the engines are used for transportation purposes, thus they are considered a stationary source.

EMISSIONS/CONTROLS EVALUATION

The emission factors for CO, NO_x, VOC, PM, PM₁₀, and PM_{2.5} used in this analysis were obtained from the EPA document, NR-009d, *Exhaust and Crankcase Emission Factors for Nonroad Engine Modeling*, July 2010. For diesel engines, all PM emissions were assumed to be smaller than 10 microns. For PM_{2.5}, an adjustment of 0.97 is applied to PM₁₀ based on the NR-009d document. HAP and GHG emissions from the diesel engines were calculated using emission factors from AP-42 Section 3.3 "Gasoline and Diesel Industrial Engines," October 1996 and AP-42 Section 3.4 "Large Stationary Diesel and All Stationary Dual-fuel Engines," October 1996.

The following table provides an emissions summary for this project. Existing potential emissions were taken from permit 072011-004. Permit 0702011-004 includes emissions from the spray weld system only and does not include emissions from the dynamometers. Existing actual emissions were taken from the installation's 2016 EIQ. Conditioned potential emissions of the application represent the potential of the engines being tested on the two dynamometers with the annual fuel limit of 210,000 gallons.

Table 2: Emissions Summary (tpy)

Pollutant	Regulatory <i>De Minimis</i> Levels	Existing Potential Emissions	Existing Actual Emissions (2016 EIQ)	Potential Emissions of the Project	Conditioned Potential of the Project
PM	25.0	2.11	0.01	2.41	1.79
PM ₁₀	15.0	2.11	0.01	2.41	1.79
PM _{2.5}	10.0	2.11	0.01	2.33	1.74
SO ₂	40.0	N/D	0.01	0.03	0.02
NO _x	40.0	N/D	0.15	50.17	37.35
VOC	40.0	N/D	1.30	4.07	3.03
CO	100.0	N/D	0.03	16.16	12.03
GHG _{mass}	N/A	N/D	N/D	1141.94	850.16
HAPs	10.0/25.0	1.033	0.03	1.29E-02	9.59E-03
Benzene	2.0	N/D	N/D	5.37E-03	4.00E-03
Toluene	10.0	N/D	N/D	1.94E-03	1.45E-03
Xylenes	10.0	N/D	N/D	1.34E-03	9.94E-04
Formaldehyde	2.0	N/D	N/D	5.99E-03	4.46E-03
Acetaldehyde	9.0	N/D	N/D	2.55E-03	1.90E-03
Acrolein	0.04	N/D	N/D	3.08E-04	2.29E-04
Naphthalene	12	N/D	N/D	9.00E-04	6.70E-04
1-3 Butadiene	0.07	N/D	N/D	1.30E-04	9.69E-05

N/D = Not Determined

PERMIT RULE APPLICABILITY

This review was conducted in accordance with Section (5) of Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*. Potential emissions of all pollutants are conditioned below de minimis levels.

APPLICABLE REQUIREMENTS

John Deere Reman Springfield shall comply with the following applicable requirements. The Missouri Air Conservation Laws and Regulations should be consulted for specific record keeping, monitoring, and reporting requirements. Compliance with these

emission standards, based on information submitted in the application, has been verified at the time this application was approved. For a complete list of applicable requirements for your installation, please consult your operating permit.

GENERAL REQUIREMENTS

- *Operating Permits*, 10 CSR 10-6.065
- *Start-Up, Shutdown, and Malfunction Conditions*, 10 CSR 10-6.050
- *Submission of Emission Data, Emission Fees and Process Information*, 10 CSR 10-6.110
 - Per 10 CSR 10-6.110(4)(B)2.B(II) and (4)(B)2.C(II) a full EIQ is required for the first full calendar year the equipment (or modifications) approved by this permit are in operation.
- *Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin*, 10 CSR 10-6.170
- *Restriction of Emission of Visible Air Contaminants*, 10 CSR 10-6.220
- *Control of Sulfur Dioxide Emissions* 10 CSR 10-6.261

STAFF RECOMMENDATION

On the basis of this review conducted in accordance with Section (5), Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*, it is recommended that this permit be granted with special conditions.

PERMIT DOCUMENTS

The following documents are incorporated by reference into this permit:

- The Application for Authority to Construct form, dated February 27, 2017, received March 3, 2017, designating Deere & Co. as the owner and operator of the installation.

APPENDIX A

Abbreviations and Acronyms

%	percent	Mgal	1,000 gallons
°F	degrees Fahrenheit	MW	megawatt
acfm	actual cubic feet per minute	MHDR	maximum hourly design rate
BACT	Best Available Control Technology	MMBtu	Million British thermal units
BMPs	Best Management Practices	MMCF	million cubic feet
Btu	British thermal unit	MSDS	Material Safety Data Sheet
CAM	Compliance Assurance Monitoring	NAAQS	National Ambient Air Quality Standards
CAS	Chemical Abstracts Service	NESHAPs	National Emissions Standards for Hazardous Air Pollutants
CEMS	Continuous Emission Monitor System	NO_x	nitrogen oxides
CFR	Code of Federal Regulations	NSPS	New Source Performance Standards
CO	carbon monoxide	NSR	New Source Review
CO₂	carbon dioxide	PM	particulate matter
CO_{2e}	carbon dioxide equivalent	PM_{2.5}	particulate matter less than 2.5 microns in aerodynamic diameter
COMS	Continuous Opacity Monitoring System	PM₁₀	particulate matter less than 10 microns in aerodynamic diameter
CSR	Code of State Regulations	ppm	parts per million
dscf	dry standard cubic feet	PSD	Prevention of Significant Deterioration
EIQ	Emission Inventory Questionnaire	PTE	potential to emit
EP	Emission Point	RACT	Reasonable Available Control Technology
EPA	Environmental Protection Agency	RAL	Risk Assessment Level
EU	Emission Unit	SCC	Source Classification Code
fps	feet per second	scfm	standard cubic feet per minute
ft	feet	SDS	Safety Data Sheet
GACT	Generally Available Control Technology	SIC	Standard Industrial Classification
GHG	Greenhouse Gas	SIP	State Implementation Plan
gpm	gallons per minute	SMAL	Screening Model Action Levels
gr	grains	SO_x	sulfur oxides
GWP	Global Warming Potential	SO₂	sulfur dioxide
HAP	Hazardous Air Pollutant	tph	tons per hour
hr	hour	tpy	tons per year
hp	horsepower	VMT	vehicle miles traveled
lb	pound	VOC	Volatile Organic Compound
lbs/hr	pounds per hour		
MACT	Maximum Achievable Control Technology		
µg/m³	micrograms per cubic meter		
m/s	meters per second		

Tier 0 Superflow	
EU-12(1)	
Full load Rated Speed (FLRS) Fuel Consumption	0.3627 lb fuel/hp-hr produced
Dyno Capacity	620 hp
Density of diesel Fuel	7.07 lb/gal
Average run-time	1 hours/test
Capacity	24 tests/day/dyno
(lb/hr-hour) * (hp) / (lb/gal)	32.18 gal/hr fuel consumption
(hr/test) * (test/day)	24 hours/day
(gal/hr) * (hr/day) / (24hr/day)	32.2 gal/hr MHDR
Engine mmBtu/hr	1.58 mmBtu/hr

EPA Emission Factors			Emission Rate	
Pollutant	Tier 0	Unit	lb/hour	lb/gal
CO		2.7 g/HP-hr	3.690476	0.114611062
Nox		8.38 g/HP-hr	11.45414	0.355718777
SO2	*	g/HP-hr	0.006826	0.000212
VOC		0.68 g/HP-hr	0.929453	0.028865008
PM		0.402 g/HP-hr	0.549471	0.017064314
PM10		0.402 g/HP-hr	0.549471	0.017064314
PM2.5		0.402 g/HP-hr	0.549471	0.017064314
HAP		0.0016 lbs/mmBtu	0.002528	7.85093E-05
Benzene		0.000776 lbs/mmBtu	0.001226	3.8077E-05
Toluene		0.000281 lbs/mmBtu	0.000444	1.37882E-05
Xylenes		0.000193 lbs/mmBtu	0.000305	9.47019E-06
Formaldehy		0.0000789 lbs/mmBtu	0.000125	3.87149E-06
Acetaldehy		0.0000252 lbs/mmBtu	3.98E-05	1.23652E-06
Acrolein		0.00000788 lbs/mmBtu	1.25E-05	3.86658E-07
Naphthalen		0.00013 lbs/mmBtu	0.000205	6.37888E-06
GHG		165.01 lbs/mmBtu	260.7158	8.096763975

HAP and GHG emission factors from AP42 Section 3.4. Other emission factors from EPA Exhaust and Crankcase Emission Factors for Nonroad Engine Modeling. Tier 0 for a 1999 engine <https://www3.epa.gov/otaq/models/nonrdmdl/nonrdmdl2010/420r10018.pdf>
*SO2 factor calculated = 7.07 lb/gal * 15 ppm * 64 SO2/32S = 7.07 * 15 / 1000000 * 64/32 = 0.000212 lbs/gal

Example:
620 HP * 8.38 g Nox/HP-hr * lb/453.6g = 11.45 lb/hr Nox

Tier 0 Taylor	
EU-12(2)	
Full load Rated Speed (FLRS) Fuel Consumption	0.3627 lb fuel/hp-hr produced
Dyno Capacity	300 hp
Density of diesel Fuel	7.07 lb/gal
Average run-time	1 hours/test
Capacity	24 tests/day/dyno
(lb/hr-hour) * (hp) / (lb/gal)	15.57 gal/hr fuel consumption
(hr/test) * (test/day)	24 hours/day
(gal/hr) * (hr/day) / (24hr/day)	32.2 gal/hr MHDR
Engine mmBtu/hr	0.76 mmBtu/hr

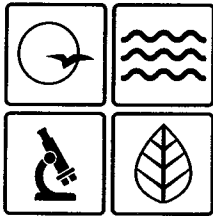
EPA Emission Factors			Emission Rate	
Pollutant	Tier 0	Unit	lb/hour	lb/gal
CO		2.7 g/HP-hr	1.785714	0.055456965
Nox		8.38 g/HP-hr	5.542328	0.172121989
SO2	*	g/HP-hr	0.006826	0.000212
VOC		0.68 g/HP-hr	0.449735	0.013966939
PM		0.402 g/HP-hr	0.265873	0.008256926
PM10		0.402 g/HP-hr	0.265873	0.008256926
PM2.5		0.402 g/HP-hr	0.265873	0.008256926
HAP		0.00387 lbs/mmBtu	0.002941	9.13416E-05
Benzene		0.000933 lbs/mmBtu	0.000709	2.20211E-05
Toluene		0.000409 lbs/mmBtu	0.000311	9.65342E-06
Xylenes		0.000285 lbs/mmBtu	0.000217	6.72671E-06
Formaldehy		0.0018 lbs/mmBtu	0.001368	4.24845E-05
Acetaldehy		0.000767 lbs/mmBtu	0.000583	1.81031E-05
Acrolein		0.0000925 lbs/mmBtu	7.03E-05	2.18323E-06
Naphthalen		0.000168 lbs/mmBtu	0.000128	3.96522E-06
1-3 Butadi		0.0000391 lbs/mmBtu	2.97E-05	9.22857E-07
GHG		164.01 lbs/mmBtu	124.6476	3.871043478

*SO2 factor calculated = 7.07 lb/gal * 15 ppm * 64 SO2/32S = 7.07 * 15 / 1000000 * 64/32 = 0.000212 lbs/gal

PTE SUMMARY

Pollutant	Regulatory De Minimis Levels (tpy)	Conditioned	
		Potential Emissions of the Application	Potential Emissions*
PM	25	2.41	1.791752933
PM10	15	2.41	1.791752933
PM2.5	10	2.33	1.738000345
SOx	40	0.029899632	0.02226
NOx	40	50.16915344	37.35047159
VOC	40	4.071005291	3.030825857
CO	100	16.16428571	12.03416149
Combined HAPs	25	1.29E-02	9.59E-03
Benzene	2	5.37E-03	4.00E-03
Toluene	10	1.94E-03	1.45E-03
Xylenes	10	1.34E-03	9.94E-04
Formaldehyde	2	5.99E-03	4.46E-03
Acetaldehyde	9	2.55E-03	1.90E-03
Acrolein	0.04	3.08E-04	2.29E-04
Naphthalene	10	9.00E-04	6.70E-04
1-3 Butadiene	0.07	1.30E-04	9.69E-05
GHG - mass	N/A	1141.935204	850.1602174

*John Deere Requested a fuel limit of 210,000 gallons per year



Missouri Department of dnr.mo.gov

NATURAL RESOURCES

Eric R. Greitens, Governor

Carol S. Comer, Director

OCT 04 2017

Mr. Cory Balthrop
EHS Manager
John Deere Reman Springfield
4500 E Mustard Way
Springfield, MO 65803

RE: New Source Review Permit - Project Number: 2017-03-016

Dear Mr. Balthrop:

Enclosed with this letter is your permit to construct. Please study it carefully and refer to Appendix A for a list of common abbreviations and acronyms used in the permit. Also, note the special conditions on the accompanying pages. The document entitled, "Review of Application for Authority to Construct," is part of the permit and should be kept with this permit in your files. Operation in accordance with these conditions, your new source review permit application and your amended operating permit is necessary for continued compliance. The reverse side of your permit certificate has important information concerning standard permit conditions and your rights and obligations under the laws and regulations of the State of Missouri.

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

If you were adversely affected by this permit decision, you may be entitled to pursue an appeal before the administrative hearing commission pursuant to Sections 621.250 and 643.075.6 RSMo. To appeal, you must file a petition with the administrative hearing commission within thirty days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed; if it is sent by any method other than registered mail or certified mail, it will be deemed filed on the date it is received by the administrative hearing commission, whose contact information is: Administrative Hearing Commission, United States Post Office Building, 131 West High Street, Third Floor, P.O. Box 1557, Jefferson City, Missouri 65102, phone: 573-751-2422, fax: 573-751-5018, website: www.oa.mo.gov/ahc.



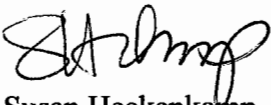
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Mr. Cory Balthrop
Page Two

If you have any questions regarding this permit, please do not hesitate to contact Chad Stephenson, at the Department of Natural Resources' Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102 or at (573) 751-4817. Thank you for your attention to this matter.

Sincerely,

AIR POLLUTION CONTROL PROGRAM



Susan Heckenkamp
New Source Review Unit Chief

SH:csj

Enclosures

c: Southwest Regional Office
PAMS File: 2017-03-016

Permit Number: 102017-003