

STATE OF 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: **032013-010**

Project Number: 2012-10-003
Installation Number: 183-0076

Parent Company: General Motors LLC

Parent Company Address: 300 Renaissance Center, Detroit, MI 48265

Installation Name: General Motors Wentzville Assembly

Installation Address: 1500 East Route A, Wentzville, MO 63385

Location Information: St. Charles County, S20, T47N, R2E

Application for Authority to Construct was made for:

The conversion of four existing boilers from combusting coal (Boilers No. 2, 3, and 4) or a combination of coal and natural gas (Boiler No. 1) to exclusively natural gas. 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.

MAR 18 2013

EFFECTIVE DATE

Kyra L Moore

DIRECTOR OR DESIGNEE
DEPARTMENT OF NATURAL RESOURCES

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 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 Department's Air Pollution Control Program of the anticipated date of start up of these air contaminant sources. The information must be made available within 30 days of actual startup. Also, you must notify the Department of Natural Resources Regional office responsible for the area within which you are located within 15 days after the actual start up of these air contaminant sources.

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

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

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

The Air Pollution Control Program invites your questions regarding this air pollution permit. Please contact the Construction Permit Unit at (573) 751-4817. If you prefer to write, please address your correspondence to the Missouri Department of Natural Resources, Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102-0176, attention: Construction Permit Unit.

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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."

General Motors Wentzville Assembly
St. Charles County, S20, T47N, R2E

1. **Superseding Condition**

The conditions of this permit supersede the following special conditions from previously issued permits.

 - A. Special Conditions C.1, C.2, and C.12 in Construction Permit 0580-003 issued by the Air Pollution Control Program.
 - B. Special Conditions 6, 11 and 12 found in the EPA permit issued to the facility on May 14, 1980 (0580-EPA)
 - C. Special Conditions 6 found in the amendment to EPA permit 0580-EPA issued to the facility on July 22, 1986 (0586-EPA).
2. **Emission Rate Limits and Testing Requirements**
 - A. General Motors – Wentzville Assembly shall perform a stack test to determine the emission rate of carbon monoxide (CO).
 - 1) The test shall be performed within 60 days after achieving the maximum production rate or within 10% of the maximum production rate, but no later than 180 days after initial start-up after the fuel change.
 - 2) A completed proposed test plan (form enclosed) must be submitted to the Air Pollution Control Program at least 30 days prior to the proposed test date of any such performance tests so that a pretest meeting may be arranged, if necessary, and to assure that the test date is acceptable for an observer to be present. The proposed test plan must include specification of test methods to be used and be approved by the Director prior to conducting the required emissions testing.
 - 3) Two copies of a written report of the performance test results shall be submitted to the Enforcement Section of the Air Pollution Control Program within 30-days of completion of any required testing. The report must include legible copies of the raw data sheets, analytical

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SPECIAL CONDITIONS:

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

instrument laboratory data, and complete sample calculations from the required EPA method for at least one sample run.

- B. General Motors-Wentzville Assembly shall use the results from the performance test required in Special Condition 2.A. to calculate the Projected Actual Emissions (PAE) minus the Baseline Actual Emissions (BAE).
- 1) The PAE shall be calculated using a natural gas usage of 3,577 mmscf per year and the emission rate (in lb/mmscf of natural gas) determined from the performance test. The BAE to be used in the calculation shall be 110.81 tons per year.
 - 2) If the results of the PAE minus BAE calculation shows a value equal to or greater than 80.0 tons per year, then General Motors – Wentzville Assembly shall perform stack testing once every five (5) years after the initial test. If the result of the PAE minus BAE calculation show a value less than 80 tons per year, then no further testing is required besides the initial test.
 - 3) If the result of the PAE minus BAE calculation shows a value between 39.4 and 100.0 tons per year, then General Motors – Wentzville Assembly shall apply for a permit amendment to account for the increase in calculated emissions.
 - 4) If the result of the PAE minus BAE calculation shows a value of 100.0 tons per year or greater, then the facility shall do one of the following.
 - a) Apply for a permit amendment to limit the CO emissions increase to less than 100 tons per year.
 - b) Apply for a new Prevention of Significant Deterioration (PSD) permit for CO.
 - c) Supply calculations to show that the net emissions increase for CO is less than 100 tons per year.
3. Operation of Continuous Emissions Monitors (CEMs)
- A. General Motors – Wentzville Assembly shall install, certify, operate, calibrate, test and maintain continuous emission monitors (CEMs) to ensure that the NO_x emission rate is less than 140 pounds per mmscf of natural gas.
- 1) CEMs certification shall be made pursuant to 40 CFR Part 60, Appendix B, Performance Specification 2.
 - 2) Periodic quality assurance assessments shall be conducted according to the procedures outlined in 40 CFR Part 60, Appendix F.

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SPECIAL CONDITIONS:

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

- 3) General Motors – Wentzville Assembly shall install and operate a data acquisition and handling system to calculate emission in terms of the emission limitations specified in this permit.
 - 4) The NO_x emission rates shall be based on a 12-month rolling average.
 - B. If results from the CEMs required in Special Condition 3.A. show that the emissions of the pollutants are greater than the limits in Special Condition 3.A., General Motors – Wentzville Assembly shall evaluate what effect these emission rates have on permit applicability and submit such evaluation to the Air Pollution Control Program.
4. CO_{2e} Emission Limitation
 - A. General Motors – Wentzville Assembly shall emit less than 180,762 tons of CO_{2e} in any consecutive 12-month period from the powerhouse boilers (no. 1, 2, 3, and 4).
 - B. Attachment A, or equivalent forms, such as electronic forms, approved by the Air Pollution Control Program shall be used to demonstrate compliance with Special Conditions 4.A.
5. Fuel Restrictions
 - A. General Motors - Wentzville Assembly shall only combust pipeline-grade natural gas, as defined in 40 CFR 72.2, in the powerhouse boilers (no. 1, 2, 3 and 4).
 - B. To maintain compliance with the sulfur content limit in 40 CFR 72.2 for pipeline-grade natural gas, General Motors – Wentzville Assembly shall either obtain the sulfur content of the natural gas from the fuel vendor or perform its own fuel analysis to evaluate the sulfur content of the natural gas.
6. Record Keeping and Reporting Requirements
 - A. General Motors – Wentzville Assembly 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. These records shall include MSDS for all materials used.
 - B. General Motors - Wentzville Assembly shall report to the Air Pollution Control Program's Compliance/Enforcement Section, P.O. Box 176,

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SPECIAL CONDITIONS:

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

Jefferson City, MO 65102, no later than ten 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.

- C. General Motors – Wentzville Assembly shall keep records in accordance with 40 CFR 52.21(r)(6).

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

Project Number: 2012-10-003
Installation ID Number: 183-0076
Permit Number:

General Motors - Wentzville Assembly
1500 East Route A
Wentzville, MO 63385

Complete: September 28, 2012

Parent Company:
General Motors - Wentzville Assembly
300 Renaissance Center
Detroit, MI 48265

St. Charles County, S20, T47N, R2E

REVIEW SUMMARY

- General Motors - Wentzville Assembly has applied for authority to convert three coal-fired boilers (no. 2, 3, and 4) and a boiler permitted to fire both natural gas and coal (no. 1) to combust exclusively natural gas.
- HAP emissions are expected from the proposed equipment but only in amounts less than their respective Screening Modeling Action Levels (SMAL).
- None of the currently promulgated NSPS applies to the boilers.
- 40 CFR 60, Subpart D, *Standards of Performance for Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971*, of the NSPS does not apply to the boilers because the boilers are rated at less than 250 MMBtu/hr each.
- 40 CFR 60, Subpart Da, *Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978*, of the NSPS does not apply to any of the boilers. This subpart applies to any electric utility steam generating units with heat input greater than 250 MMBtu/hr. None of the boilers are considered electric utility steam generating units as defined in this subpart and they all have heat input less than 250 MMBtu/hr.
- 40 CFR 60, Subpart Db, *Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units*, of the NSPS does not apply to any of the boilers. This subpart applies to boilers with heat input capacity greater than 100 MMBtu/hr and either modified, constructed or reconstructed after June 19, 1984. Boiler 1 has heat input capacity less than 100 MMBtu/hr and is constructed before June 19, 1984. Boilers 2, 3, and 4 have heat input capacity greater than 100 MMBtu/hr, but were constructed before June 19, 1984. The fuel switch is also not considered a modification because calculations show that there will be no emissions

increase (on an hourly basis) for the pollutants (NO_x, SO_x, CO, and PM) regulated by this subpart.

- 40 CFR 60 Subpart Dc, *Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units*, of the NSPS does not apply to any of the boilers. This subpart applies to boiler with heat input between 10 and 100 MMBtu/hr and constructed, modified, or reconstructed after June 9, 1989. Although Boiler 1 has heat input capacity between 100 MMBtu/hr and 10 MMBtu/hr, it was constructed before June 9, 1989. Boilers 2, 3, and 4 have heat input capacities greater than 100 MMBtu/hr and were constructed before June 9, 1989. The fuel switch is also not considered a modification because calculations show that there will be no emissions increase (on an hourly basis) for the pollutants (NO_x, SO_x, CO, and PM) regulated by this subpart.
- General Motors – Wentzville Assembly agreed to comply with some parts of the 1980 boiler NSPS (40 CFR 60.46a(e) and 40 CFR 60.47a) in order to receive the original PSD permit. However, the conditions were based on the combustion of coal. Due to the fuel change, it is no longer necessary for the facility to comply with these regulations.
- 40 CFR Part 63, Subpart DDDDD, *National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial and Institutional Boilers and Process Heaters*, of the MACT applies to all four (4) boilers.
- 40 CFR Part 63, Subpart JJJJJJ, *National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial and Institutional Boiler Area Sources*, of the MACT does not apply to any of the boilers because this installation is not an area source of HAP.
- None of the NESHAPs apply to this installation.
- No control device is being used to control emissions from the equipment in this permit. The baghouses used to control emissions while the boilers were combusting coal will no longer be used.
- This review was conducted in accordance with Section (5) of Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*. Project emissions increase for all pollutants are below *de minimis* levels.
- This installation is located in St. Charles County, a nonattainment area for the 8-hour ozone standard and the PM_{2.5} standard and an attainment area for all other criteria pollutants.
- This installation is on the List of Named Installations found in 10 CSR 10-6.020(3)(B), Table 2. The installation is subject to 40 CFR 60, Subpart MM, *Standards of Performance for Automobile and Light Duty Truck Surface Coating Operations*, of the NSPS, which is a source category classified as item number 27,

Any other stationary source category which, as of August 7, 1980, is being regulated under section 111 or 112 of the Act. Also, the facility is classified as item number 21, Fossil-fuel boilers (or combination thereof) totaling more than 250 million British thermal units per hour heat input.

- Ambient air quality modeling was not performed since potential emissions of the application are below *de minimis* levels.
- Emissions testing is required for the equipment.
- A modification to the facility's Part 70 Operating Permit application is required for this installation within 1 year of equipment startup.
- Approval of this permit is recommended with special conditions.

INSTALLATION DESCRIPTION

General Motors - Wentzville Assembly (GM-Wentzville) is an automobile body fabrication and general assembly plant. Body fabrication processes include: stamping, welding, and surface coating. General assembly activities include body-trim assembly, body-chassis marriage, fluid filling, and final testing. The site also includes a powerhouse consisting of four boilers supplying steam to the assembly plant. GM-Wentzville is an existing major source for construction permits and a Part 70 source for operating permits.

The following New Source Review permits have been issued to General Motors Wentzville Assembly from the Air Pollution Control Program.

Table 1: Permit History

Permit Number	Description
0580-003	Installation of powerhouse and automotive assembly plant.
0580-004	Revise conditions in Permit 0580-003.
0580-EPA	PSD permit for the powerhouse and automotive assembly plant.
0586-EPA	Revision of PSD permit to change emission limits.
1089-003	Switch to water-borne base coat and associated replacement of the main color paint booth with two parallel paint booths.
0387-007A	Clean-up of soil contamination
0294-015	Modification of painting operations to support the change from car to van assembly.
0396-011	Addition of metal fabrication equipment.
092001-007	Temporary portable air compressor
052002-006	Temporary portable air compressor.
052012-009	Plant-wide applicability limit (PAL) permit for VOC.

PROJECT DESCRIPTION

At GM-Wentzville, Boiler no. 1 in the powerhouse is currently permitted to combust coal and natural gas while Boilers no. 2, 3, and 4 is permitted to combust coal only. The facility proposes to convert all boilers to combust exclusively natural gas. Boiler no. 1 has an MHDR of 82.5 MMBtu/hr while the other boilers have MHDR of 248 MMBtu/hr each. The baghouses used to control particulate emissions during coal combustion will no longer be used.

The powerhouse was first permitted in 1980 with permit 0580-003 and emission rate limits for particulates and sulfur dioxides (SO₂) were placed on the boilers. Because Missouri, at that time, did not have authority to issue permits subject to PSD review, a PSD permit was also issued by the EPA (0580-EPA) which not only incorporated the particulate and SO₂ limits from permit 0580-003 as BACT limits but also set the BACT limits for CO and NO_x. Eventually, the EPA permit was revised to change the BACT limit for CO through Permit No. 0586-EPA. Because the BACT limits were based on coal combustion, they will no longer apply after the switch to natural gas and all of the conditions regarding the BACT limit in previous permits have been superseded.

EMISSIONS/CONTROLS EVALUATION

The emission increases from the project were calculated using the projected actual emissions minus the baseline actual emissions (BAE). The BAE (with the exception of filterable PM₁₀, SO₂, NO_x, and CO) were calculated using the average coal usage from 2003 and 2004 and emission factors from EPA document AP-42, *Compilation of Air Pollutant Emission Factors*, Fifth Edition, Section 1.1, *Bituminous Coal and Subbituminous Coal Combustion*, (9/98). The SO₂ and NO_x BAE were calculated using data from the continuous emission monitors (CEMs). The filterable PM₁₀ and CO BAE were calculated using data from previous stack tests performed by the company. The projected actual emissions (PAE) were obtained by using the projected steam production provided by the company and calculating emissions using the emission factors from EPA document AP-42, Section 1.4, *Natural Gas Combustion*, (7/98). The facility expects to produce less than 3,066,000,000 lb of steam per year at a rate of 1,190 Btu/lb of steam. The CH₄, N₂O and CO₂ BAE and PAE emissions were calculated with emission factors from 40 CFR Part 98, *Mandatory Greenhouse Gas Reporting*, Subpart C, *General Stationary Fuel Combustion Sources*, Table C-1, *Default CO₂ emission factors and high heat values for various types of Fuel*, and Table C-2, *Default CH₄ and N₂O Emission Factors for Various Types of Fuel*. The higher emissions calculated from the two sources were used for this project.

The following table provides an emissions summary for this project. Existing potential emissions of VOC were taken from Permit No. 052012-009. Existing potential emissions of other pollutants were not determined. Existing actual emissions were taken from the installation's 2011 EIQ. Because the potential emissions of the application for CO₂e are greater than the PSD significance level, the facility opted to take an emissions increase limit of 75,000.0 tons per year of CO₂e to avoid PSD review. The final CO₂e limit of 180,762.0 tons per year is the BAE (105,762 tons per year) plus 75,000.0 tons per year of increase. The CO₂e limit indirectly limits the natural gas

usage to under 3,577mmscf/yr of natural gas, which is the amount used to calculate the projected actual emissions. This modification is a pre-approved change included in the previously issued Plantwide Applicability Limitation (PAL) permit #052012-009 for VOC and therefore, the facility shall ensure that it complies with all conditions and limits in the PAL for VOCs.

Table 2: Emissions Summary (tons per year)

Pollutant	Regulatory <i>De Minimis</i> Levels	Existing Potential Emissions	Existing Actual Emissions (2011 EIQ)	Potential Emissions of the Application	New Installation Conditioned Potential
PM	25.0	N/D	N/D	-40.99	N/A
PM ₁₀	15.0	N/D	35.91	-11.16	N/A
PM _{2.5}	10.0	N/D	26.16	-6.95	N/A
SOx	40.0	N/D	424.23	-486.16	N/A
NOx	40.0	N/D	270.49	34.46	N/A
VOC	40.0	1,709	480.05	8.41	N/A
CO	100.0	N/D	100.28	39.42	N/A
GHG (CO ₂ e)	75,000	N/D	N/D	107,680.3	<180,762
GHG (mass)	100.0	N/D	N/D	108,249.4	N/A
Lead	0.6	N/D	0.27	-0.36	N/A
HAPs	10.0/25.0	N/D	N/D	3.38	N/A

N/A = Not Applicable; 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*. The project emissions increase of all pollutants are below *de minimis* levels.

APPLICABLE REQUIREMENTS

General Motors Wentzville Assembly 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

- *Submission of Emission Data, Emission Fees and Process Information*, 10 CSR 10-6.110
- *Operating Permits*, 10 CSR 10-6.065
- *Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin*, 10 CSR 10-6.170

- *Restriction of Emission of Visible Air Contaminants*, 10 CSR 10-6.220
- *Restriction of Emission of Odors*, 10 CSR 10-6.165

SPECIFIC REQUIREMENTS

- *MACT Regulations*, 10 CSR 10-6.075
 - *National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial and Institutional Boilers and Process Heaters*, 40 CFR Part 63, Subpart DDDDD

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*, I recommend this permit be granted with special conditions.

 Chia-Wei Young
 New Source Review Unit

 Date

PERMIT DOCUMENTS

The following documents are incorporated by reference into this permit:

- The Application for Authority to Construct form, dated September 27, 2012, received September 28, 2012, designating General Motors - Wentzville Assembly as the owner and operator of the installation.
- U.S. EPA document AP-42, *Compilation of Air Pollutant Emission Factors*, Fifth Edition.

APPENDIX A

Abbreviations and Acronyms

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

Ms. Midge Winkler
Sr. Environmental Manager
General Motors Wentzville Assembly
1500 East Route A
Wentzville, MO 63385

RE: New Source Review Permit - Project Number: 2012-10-003

Dear Ms. Winkler:

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, if any, 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 with 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.

If you have any questions regarding this permit, please do not hesitate to contact Chia-Wei Young, 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:cyl

Enclosures

c: St. Louis Regional Office
PAMS File: 2012-10-003

Permit Number: