

STATE OF MISSOURI



DEPARTMENT OF NATURAL RESOURCES

PERMIT BOOK

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: **11 2015 - 009** Project Number: 2014-12-029
Installation Number: 031-0135

Parent Company: City of Cape Girardeau Public Works Department

Parent Company Address: 2007 Southern Expressway, Cape Girardeau, MO 63703

Installation Name: City of Cape Girardeau Wastewater Treatment Facility

Installation Address: 2061 Corporate Circle, Cape Girardeau, MO 63703

Location Information: Cape Girardeau County, S7, T30N, R14E

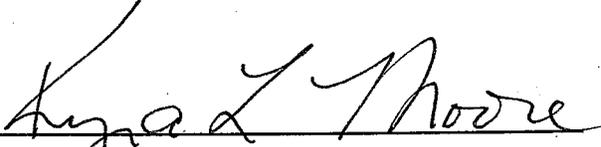
Application for Authority to Construct was made for:
Installation of a sludge drying system at the new wastewater treatment facility. This review was conducted in accordance with Section (5), Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*.

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

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

NOV 16 2015

EFFECTIVE DATE



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."

City of Cape Girardeau Wastewater Treatment Facility
Cape Girardeau County, S7, T30N, R14E

1. Control Device Requirement-Baghouse
 - A. City of Cape Girardeau Wastewater Treatment Facility shall control emissions from the conveyance of the dried sludge pellets, dried product storage silo and the truck loadout using a baghouse as specified in the permit application.
 - B. The baghouse shall be operated and maintained in accordance with the manufacturer's specifications. The baghouse shall be equipped with a gauge or meter, which indicates the pressure drop across the control device. These gauges or meters shall be located such that Department of Natural Resources' employees may easily observe them.
 - C. Replacement filters for the baghouse shall be kept on hand at all times. The bags shall be made of fibers appropriate for operating conditions expected to occur (i.e. temperature limits, acidic and alkali resistance, and abrasion resistance).
 - D. City of Cape Girardeau Wastewater Treatment Facility shall monitor and record the operating pressure drop across the baghouse at least once every 24 hours. The operating pressure drop shall be maintained within the design conditions specified by the manufacturer's performance warranty.
 - E. City of Cape Girardeau Wastewater Treatment Facility shall maintain a copy of the baghouse manufacturer's performance warranty on site.
 - F. City of Cape Girardeau Wastewater Treatment Facility shall maintain an operating and maintenance log for the baghouse which shall include the following:
 - 1) Incidents of malfunction, with impact on emissions, duration of event, probable cause, and corrective actions; and
 - 2) Maintenance activities, with inspection schedule, repair actions, and replacements, etc.

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SPECIAL CONDITIONS:

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

2. Control Device Requirement – Wet Venturi Scrubber with Mist Eliminator
 - A. City of Cape Girardeau Wastewater Treatment Facility shall enclose and control emissions from the dried handling equipment using a wet venture scrubber with a mist eliminator CD-02. The scrubber shall be operated and maintained in accordance with the manufacturer's specifications. Each scrubber shall be equipped with gauges that indicate the scrubbing liquid flow and air pressure drop. These gauges shall be located in such a way they may be easily observed by Department of Natural Resources' employees.
 - B. City of Cape Girardeau Wastewater Treatment Facility shall monitor and record the scrubbing liquid flow and air pressure drop through the scrubber at least once every 24 hours of operation. The flow rate and pressure drop shall be maintained within the operating limits specified by Special Condition 2.A. If the scrubber was not required to be performance tested, the above parameters shall be specified by the manufacturer's performance warranty. The operating limits shall be kept on site.
 - C. City of Cape Girardeau Wastewater Treatment Facility shall maintain an operating and maintenance log for the scrubbers which shall include the following:
 - 1) Incidents of malfunction, with impact on emissions, duration of event, probable cause, and corrective actions; and
 - 2) Maintenance activities, with inspection schedule, repair actions, and replacements, etc.
3. Control Device Requirement – Condenser
 - A. City of Cape Girardeau Wastewater Treatment Facility shall enclose and control emissions from the emission from the dryer (excluding combustion emissions of natural gas) using a condenser.
 - B. City of Cape Girardeau Wastewater Treatment Facility shall be equipped with temperature meters at the inlet and outlet of the condenser per manufacturer's specifications.
 - C. City of Cape Girardeau Wastewater Treatment Facility shall maintain appropriate turbulent air flow and residence time according to manufacturing specifications.

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SPECIAL CONDITIONS:

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

4. Performance Testing

- A. City of Cape Girardeau Wastewater Treatment Facility shall conduct performance tests on the condenser (CD01), scrubber (CD02), and dust collector/baghouse (CD03) simultaneously sufficient to verify the emission rates of Particulate Matter (PM, PM₁₀, and PM_{2.5}) as listed in Table 2. PM, PM₁₀, and PM_{2.5} emission rates shall be calculated in units of pounds per hour.
- B. City of Cape Girardeau Wastewater Treatment Facility shall conduct performance tests on the condenser (CD01) to verify the emission rates of Volatile Organic Compounds (VOCs) without methane (CH₄) as listed in Table 2. VOC emissions rates shall be calculated in units of pounds per hour.
- C. These tests shall be performed within 60 days after achieving the maximum production rate of the installation, but not later than 180 days after initial start-up for commercial operation and shall be conducted in accordance with the proposed stack test plan outlined in this special condition and the proposed test plan.
- D. Testing shall be conducted during periods of representative conditions at the maximum process/production rates, not to include periods of startup, shutdown, or malfunction. A description of the representative conditions for the performance tests is listed in 10 CSR 10-6.330 (3)(F).
- E. A completed Proposed Test Plan Form (enclosed) must be submitted to the Air Pollution Control Program 30 days prior to the proposed test date so that the Air Pollution Control Program may arrange a pretest meeting, if necessary, and assure that the test date is acceptable for an observer to be present. The Proposed Test Plan may serve the purpose of notification and must be approved by the Director prior to conducting the required emission testing.
- F. Two copies of a written report of the performance test results shall be submitted to the Director within 30 days of completion of any required testing. The report must include legible copies of the raw data sheets, analytical instrument laboratory data, and complete sample calculations from the required U.S. EPA Method for at least one sample run.

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SPECIAL CONDITIONS:

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

- G. The test report is to fully account for all operational and emission parameters addressed both in the permit conditions as well as in any other applicable state or federal rules or regulations.
 - H. Actual conditions under which performance testing is conducted shall be recorded throughout each of the test runs. These conditions are to include all relevant process/production parameters, including parameters relating to the status of emission controls. This data is to be included in the emissions test report. In addition, the report shall include emission factors for PM, PM₁₀, PM_{2.5} and VOCs which shall be determined using emission rates and recorded drying rates that have occurred during testing. No maintenance or upgrade of emission control efficiency shall be undertaken during emission testing.
 - I. Emission testing results, in “mass of pollutant/volume of air,” shall be reported for the pollution source airstream, free from any extraneous source of dilution air. Potential dilution air streams shall either be sealed off prior to testing or else be measured by appropriate EPA test methods and subtracted from the total airflow at the sampling location. Failure to account for dilution air can lead to cancellation of testing and/or a violation notice for “circumvention”.
 - J. City of Cape Girardeau Wastewater Treatment Facility shall receive approval from the Air Pollution Control Program prior to any changes in the process or throughput allowed at this installation other than that which is tested at the time of performance test.
5. Record Keeping and Reporting Requirements
- A. City of Cape Girardeau Wastewater Treatment Facility 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 SDS for all materials used.
 - B. City of Cape Girardeau Wastewater Treatment Facility shall report to the Air Pollution Control Program’s Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than 10 days after the end of the month during which any record required by this permit show an exceedance of a limitation imposed by this permit.

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SPECIAL CONDITIONS:

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

6. **Fuel Requirements**
City of Cape Girardeau Wastewater Treatment Facility shall burn natural gas exclusively in EU1 Dryer.

7. City of Cape Girardeau Wastewater Treatment Facility shall submit revised calculations of the potential to emit to the Permitting Unit of the Air Pollution Control Program within 30 days of submitting the test results report, if the emissions tested exceed any of the emission rates stated in Table 2.

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

Project Number: 2014-12-029
Installation ID Number: 031-0135
Permit Number:

City of Cape Girardeau Wastewater Treatment Facility
2061 Corporate Circle
Cape Girardeau, MO 63703

Complete Date
of Application: March 17, 2015

Parent Company:
City of Cape Girardeau Public Works Department
2007 Southern Expressway
Cape Girardeau, MO 63703

Cape Girardeau County, S7, T30N, R14E

REVIEW SUMMARY

- City of Cape Girardeau Wastewater Treatment Facility (WWTF) has applied for authority to install a low temperature convection belt drying equipment to pelletize sludge and market it as organic fertilizer.
- HAP emissions are expected from the proposed equipment. HAPs of concern from this process are from the combustion of natural gas.
- None of the New Source Performance Standards (NSPS) apply to the installation.
- None of the NESHAPs apply to this installation. None of the currently promulgated MACT regulations apply to the proposed equipment.
- Condenser, scrubber, and dust collector (baghouse) are being used to control the PM, PM₁₀, and PM_{2.5} emissions from the equipment in this permit.
- 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 below de minimis levels.
- This installation is located in Cape Girardeau 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 required for the equipment.
- A Basic Operating Permit application is required for this installation within 30 days of equipment startup.
- Approval of this permit is recommended with special conditions.

INSTALLATION/PROJECT DESCRIPTION

The City of Cape Girardeau WWTF is a new wastewater treatment facility that has already been constructed at the time of issuance of this permit. It is located in Cape Girardeau County. The sludge generated at the WWTF is dried utilizing low temperature convection belt drying equipment to a pelletized product of greater than 92% dry solids content. The pelletized product is classified as USEPA Exceptional Quality (for Exceptional Quality Status, metals concentrations must be below USEPA requirements) and is suitable for a wide variety of uses including marketable organic fertilizer blending, horticulture, and public distribution.

The drying system is sized to handle the sludge generated by the WWTF at the design average influent wastewater flow of 11 MGD (million gallons per day). It is anticipated that the system in the initial years will operate at approximately 55% of the design.

The sludge drying process train begins with pumping the dewatered sludge from the wet cake storage bin using progressive cavity pumps to a mixing screw conveyor located adjacent to the dryer unit. Recycled dried sludge particles are mixed with the wet cake feed in the mixing screw and the mixed feed is conveyed to the distribution screw with the dryer, which feeds and doses the mix evenly on the dryer belt. The sludge is transported through the dryer on a moving variable speed motor driven belt, where it is warmed with hot air to a temperature of about 250°F to 290°F and dried. The self-ignition temperature for dried sludge normally is above 350°F. After the drying zone, the dried product is discharged into the belt discharge screw conveyor for transport via the tube conveyor to the recycle bin. The recycle bin feeds a screen/sieve which separates the dried sludge to the final product pellet size of 0.5 to 4 mm. Dried sludge particles rejected by the screen are recycled back to the drier feed mixing screw.

The final product pellets are cooled in an up-flow air cooler to less than 100°F and then transported via pneumatic conveyor to the storage silo. The pelletized product is conveyed from the silo to a waiting truck in the truck bay by the load-out conveyor and truck load-out spout. It is important for safety that the dried sludge product stored in the silo has a dry solids content of at least 92% and a temperature below 100°F. A nitrogen gas system provides an inert atmosphere in the silo to prevent combustion.

The heat for drying is generated by a natural gas heater (furnace) with a heat input of 5.0 MMBTU/hr. Natural gas combustion products are introduced into the dryer. The over-belt inlet air temperature to the dryer is maintained at about 250°F to 290°F. The hot air flows through the sludge particles and absorbs the moisture from the particles. The dryer air runs at a high circulating air rate via a circulation fan. A large part of the

drying air is recycled and reheated to the desired over-belt air temperature. Part of the circulating air is extracted by an exhaust air fan and fed to the condenser. The water exit the condenser bottom at a temperature of approximately 120°F to 140°F, where it is discharged to a floor drain leading to the head end of the treatment plant. The chevron type mist eliminator in the condenser removes some of the entrained moisture. The exhaust of the condenser is saturated. Cooled exhaust air from the condenser is routed to a prefilter to remove additional particulate matter before it is discharged to the odor control system for treatment and then discharged to the atmosphere. The condenser efficiency is 99.99% to remove particles of 5 microns or larger. The exhaust air is routed through the activated carbon system to control odor.

Air collected from the recycle bin, pellet cooler, sizing screen crusher and pneumatic transporter is routed to the wet scrubber and then discharged to atmosphere through a stack. The wet scrubber uses a stream of plant service water to remove particulate matter, and the water is then routed to a floor drain. This low energy wet scrubber utilizes pressure drops between 4-6 inches of water column and are capable of efficiently removing 99% of particles greater than about 5-10 micrometers in diameter. The design flow rate is 10 gal per minute. The air flow of the fan is a fixed speed at approximately 3,700 cfm.

The silo dust collector/baghouse collects fugitive dust generated by the conveyance of the dried sludge pellets. Dust collection points are the storage silo, the load-out conveyor, and the truck loading spout. Dust is transferred via a 4 inch metal duct by the draft (suction) created by the dust collector fan. The dust collector consists of the vessel housing and access platform, rupture vent, fabric filter cloth bags mounted over support cages, air fan, rotary metering valve/air lock on the vessel hopper, compressed air reverse air pulse filter cloth cleaning system, control panel, and differential pressure switch. Dust laden air enters near the bottom of the unit. Rows of filter bags are suspended in the filter housing. A fan on the exhaust side draws air through the bag filter walls. Filtered air passes through the center of the filter bags and out through the clean air discharge at the top of the unit. The air pulse cleaning system expands the filter bags and dislodges filtered material so that it drops to the bottom hopper and collected in a bag in an enclosed drum for disposal. The dust collector removes 99.99% of particles 5 microns and larger.

Table 1: Equipment List and Control Devices

Equipment Number	Equipment Description	Control Device Number	Control Device Description
EU1	Dryer/Natural Gas Burner	CD1	Condenser
EU2	Recycle Bin and associated equipment	CD2	Wet Venturi Scrubber with Mist Eliminator
EU3	Dried Product Silo and Truck Loadout Equipment	CD3	Dust Collector/Baghouse

No permits have been issued to City of Cape Girardeau WWTF from the Air Pollution Control Program.

A variance was issued by the Compliance and Enforcement Section of APCP in January 2015 to allow City of Cape Girardeau WWTF to start up in order for the contractor to meet a required deadline of end of March/mid-April.

EMISSIONS/CONTROLS EVALUATION

The emission factors and control efficiencies used in this analysis were submitted by City of Cape Girardeau Wastewater Treatment Facility (WWTF) that were based on ANDRITZ stack testing on similar equipment in the Town of Leesburg, Virginia conducted December 19-20, 2001 and the EPA document AP-42, *Compilation of Air Pollutant Emission Factors*, Fifth Edition, Section 1.4 *Natural Gas Combustion*, July 1998. The data provided from the test at Leesburg did not meet all the criteria to demonstrate a successful Method 5 particulate matter test. The VOC test did not provide throughput information and the calibration gas for the VOC testing was inappropriate. As a result, performance testing is required to verify emissions are below the estimated levels

The exhaust flow of the condenser at Cape Girardeau, Missouri is 5,935 dscfm and the Total Non-Methane Hydrocarbon (TNMHC) is 150ppmdv. Only PM was tested and the results were 0.00939 grains/dsf. It is assumed that all PM₁₀ and PM_{2.5} is equal to PM. City of Cape Girardeau Wastewater Treatment Facility (WWTF) may have to amend this permit to reflect the results of the test if emission rates are higher than what is stated in this permit.

The following table provides an emissions summary for this project. This is a new facility and there are no existing potential emissions and therefore existing actual emissions from the installation's EIQ. Potential emissions of the application represent the potential of the new equipment, assuming continuous operation (8760 hours per year).

Table 2: Emissions Summary (tons per year)

Pollutant	Regulatory <i>De Minimis</i> Levels	Existing Potential Emissions	Existing Actual Emissions	Potential Emissions of the Application	New Installation Conditioned Potential
PM ^a	25.0	N/A	N/A	2.13	N/A
PM ₁₀ ^a	15.0	N/A	N/A	2.13	N/A
PM _{2.5} ^a	10.0	N/A	N/A	2.13	N/A
SOx	40.0	N/A	N/A	0.01	N/A
NOx	40.0	N/A	N/A	2.15	N/A
VOC (inc CH ₄) ^a	40.0	N/A	N/A	10.40	N/A
CO	100.0	N/A	N/A	1.8	N/A
GHG (CO ₂ e)	75,000 / 100,000	N/A	N/A	2,591.78	N/A
HAPs	10.0/25.0	N/A	N/A	0.0448	N/A

N/A = Not Applicable; N/D = Not Determined

^aPM and VOC (includes methane) emissions were provided by ANDRITZ model.

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 Pollutant are below de minimis levels.

APPLICABLE REQUIREMENTS

City of Cape Girardeau WWTF shall comply with the following applicable requirements. The Missouri Air Conservation Laws and Regulations should be consulted for specific record keeping, monitoring, and reporting requirements. Compliance with these emission standards, based on information submitted in the application, has been verified at the time this application was approved.

GENERAL REQUIREMENTS

- *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

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.

Kathy Kolb
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 December 12, 2015, received December 16, 2014, designating City of Cape Girardeau Public Works Department as the owner and operator of the installation.

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	National Emissions Standards for Hazardous Air Pollutants
CFR	Code of Federal Regulations	NO_x	nitrogen oxides
CO	carbon monoxide	NSPS	New Source Performance Standards
CO₂	carbon dioxide	NSR	New Source Review
CO_{2e}	carbon dioxide equivalent	PM	particulate matter
COMS	Continuous Opacity Monitoring System	PM_{2.5}	particulate matter less than 2.5 microns in aerodynamic diameter
CSR	Code of State Regulations	PM₁₀	particulate matter less than 10 microns in aerodynamic diameter
dscf	dry standard cubic feet	ppm	parts per million
EQ	Emission Inventory Questionnaire	PSD	Prevention of Significant Deterioration
EP	Emission Point	PTE	potential to emit
EPA	Environmental Protection Agency	RACT	Reasonable Available Control Technology
EU	Emission Unit	RAL	Risk Assessment Level
fps	feet per second	SCC	Source Classification Code
ft	feet	scfm	standard cubic feet per minute
GACT	Generally Available Control Technology	SDS	Safety Data Sheet
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		

Mr. Steve Cook
Public Works Director
City of Cape Girardeau Wastewater Treatment Facility (WWTF)
2007 Southern Expressway
Cape Girardeau, MO 63703

RE: New Source Review Permit - Project Number: 2014-12-029

Dear Mr. Cook:

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 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 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, Truman State Office Building, Jefferson City, Missouri 65102, website: www.oa.mo.gov/ahc. If you have any questions regarding this permit, please do not hesitate to contact Kathy Kolb, at the Department of Natural Resources' Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102 or at (573) 751-4817.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

Susan Heckenkamp
New Source Review Unit Chief

SH:kk1

Enclosures

c: Southeast Regional Office
PAMS File: 2014-12-029
Permit Number: