

Missouri Department of dnr.mo.gov

NATURAL RESOURCES

Michael L. Parson, Governor

Carol S. Comer, Director

OCT 22 2019

Mr. Joe Cook
Mining Engineer
Westside Stone, LLC
3253 E. Chestnut Expy #1
Springfield MO 65802

RE: New Source Review - Permit Number:
Project Number: 2019-07-012; Installation Number: 077-0189

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 and your new source review permit application are necessary for continued compliance. In addition, please note that Westside Stone, LLC cannot operate with any other plants that have ambient impact limits based on the Air Pollution Control Program's nomographs. Please refer to the permits of any plant that you are operating with to see if their respective permits contain an ambient impact limit. 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



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Mr. Cook
Page Two

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.ao.mo.gov/ahc.

If you have any questions, please do not hesitate to contact Kathy Kolb, at the department's 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

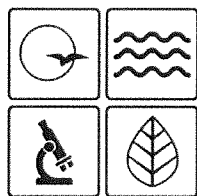

Susan Heckenkamp
New Source Review Unit Chief

SH:kka

Enclosures

c: Southwest Regional Office
PAMS File: 2019-07-012

Permit Number: **102019-011**



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: 102019-011

Project Number: 2019-07-012
Installation ID: 077-0189

Parent Company: Erlen Group, DBA Springfield Underground, Inc.

Parent Company Address: 3253 E. Chestnut Expy #1, Springfield MO 65802

Installation Name: Westside Stone, LLC

Installation Address: 1001 N Haseltine Road, Springfield, MO 65802

Location Information: Greene County, S13 T29N R23W

Application for Authority to Construct was made for:
New generic rock crusher. 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.



Director or Designee
Department of Natural Resources

OCT 22 2019

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 to 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 (3)(E). "Conditions required by permitting authority."

1. **Superseding Condition**
 The conditions of this permit supersede all special conditions found in the previously issued Construction Permit #032017-009 from the Air Pollution Control Program.

2. **Generic Plant Designation and Maximum Combined Hourly Design Rate**
 Westside Stone, LLC has been designated to be a Generic Plant Operation. The combined MHDR each of the following generic equipment types shall not exceed the rates and numbers listed in Table 1.

Table 1: Generic Equipment

Equipment Type	MHDR	Maximum Number of Units
Primary Unit(s) (Primary Crusher)	450 tons per hour	1
Feeder/Grizzly	450 tons per hour	1
Crusher(s) including primary crusher	1,350 tons per hour	3
Conveyor(s), Stacker(s)	3,600 tons per hour	18
Screen(s)	1,800 tons per hour	4

3. **Generic Plant Equipment Identification Requirement**
 - A. Westside Stone, LLC shall submit the following information to the Air Pollution Control Program's Compliance/Enforcement Section and the Southwest Regional Office within 15 days of actual startup.
 - 1) A master list of all equipment that will be permitted for use with the generic plant. This master list shall include at minimum the following information for each piece of equipment:
 - a) Manufacturer's name
 - b) Model number
 - c) Serial number
 - d) Actual MHDR
 - e) Date of manufacture
 - f) Any other additional information that is necessary to uniquely identify the equipment.
 - 2) A list of the core equipment that will always be utilized with the generic plant. The core equipment associated with the generic plant shall include at least one primary unit that controls the rate of the process flow (e.g., a primary crusher or primary screen).

SPECIAL CONDITIONS:

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

- 3) A determination of the applicability of 40 CFR Part 60, Subpart OOO, "Standards of Performance for Nonmetallic Mineral Processing Plants" for each piece of equipment indicating whether each piece of equipment is subject to Subpart OOO and justification for this determination.
- 4) Westside Stone, LLC shall notify the Air Pollution Control Program's Permitting Section and the Southwest Regional Office when new equipment is added to the master list and when core equipment is changed within 30 days of the change.
 - B. Westside Stone, LLC shall maintain a list of the specific equipment currently being utilized with the generic plant. Any arrangement of the generic plant's equipment must be such that the core equipment is not bypassed in the process flow.
4. Equipment Identification Requirement
Westside Stone, LLC shall maintain easily read permanent markings on each component of the plant. These markings shall be the equipment's serial number or a company assigned identification number that uniquely identifies the individual component.
5. Best Management Practices Requirement
Westside Stone, LLC shall control fugitive emissions from all of the haul roads and vehicular activity areas at this site by performing BMPs as defined in Attachment AA.
6. Annual Emission Limit
 - A. Westside Stone, LLC shall emit less than 15.0 tons of PM₁₀ in any 12-month period from the entire installation which consists of the equipment listed in Table 2 in the Table Section of this permit. The SSM emissions as reported to the Air Pollution Control Program's Compliance/Enforcement Section in accordance with the requirements of 10 CSR 10-6.050 *Start-Up, Shutdown, and Malfunction Conditions* shall be included in the limit.
 - B. Westside Stone, LLC shall demonstrate compliance with Special Condition 6.A using Attachment A or another equivalent form that has been approved by the Air Pollution Control Program, including an electronic form.
7. Moisture Content Testing Requirement
 - A. Westside Stone, LLC shall verify that the moisture content of the processed rock is greater than or equal to 1.5 percent by weight.

SPECIAL CONDITIONS:

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

- B. Testing shall be conducted while all water spray devices are not operating and according to the method prescribed by the American Society for Testing Materials (ASTM) D-2216, C-566 or another method approved by the Director.
 - C. The initial test shall be conducted no later than 45 days after the start of operation. A second test shall be performed the calendar year following the initial test during the months of July or August.
 - D. The test samples shall be taken from rock that has been processed by the plant or from each source of aggregate (e.g. quarry).
 - E. The written analytical report shall include the raw data and moisture content of each sample, the test date and the original signature of the individual performing the test. The report shall be filed on-site or at the Westside Stone, LLC main office within 30 days of completion of the required test.
 - F. If the moisture content of either of the two tests is less than the moisture content in Special Condition 7.A, another test may be performed within 15 days of the noncompliant test. If the results of that test is less than the moisture content in Special Condition 7.A, Westside Stone, LLC shall either:
 - 1) Apply for a new permit to account for the revised information, or
 - 2) Submit a plan for the installation of wet spray devices to the Compliance/Enforcement Section of the Air Pollution Control Program within 10 days of the second noncompliant test. Plans may be sent by mail to P.O. Box 176, Jefferson City, MO 65102 or by email at aircompliancereporting@dnr.mo.gov. The wet spray devices shall be installed and operational within 40 days of the second noncompliant test.
8. Primary Equipment Requirement
Westside Stone, LLC shall process all rock through the primary crusher (EU-03). Bypassing the primary crusher is prohibited.
9. Record Keeping Requirement
Westside Stone, LLC shall maintain all records required by this permit for not less than five years and make them available to any Missouri Department of Natural Resources' personnel upon request.
10. Reporting Requirement
Westside Stone, LLC shall report to the Air Pollution Control Program, Compliance / Enforcement Section by mail to P.O. Box 176, Jefferson City, MO 65102 or by email at AirComplianceReporting@dnr.mo.gov, no later than 10 days after any exceedances of the limitations imposed by this permit.

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

Project Number: 2019-07-012
Installation ID Number: 077-0189

Permit Number: 102019-011

Westside Stone, LLC:
1001 N Haseltine Road
Springfield, MO 65802

Complete: July 15, 2019

Parent Company:
Erlen Group, DBA Springfield Underground, Inc.
3253 E. Chestnut Expy #1
Springfield MO 65802

Greene County, S13 T29N R23W

PROJECT DESCRIPTION

Westside Stone, LLC is a company owned by Erlen Group, DBA Springfield Underground, Inc. and would like to change their current Construction Permit #032017-009 to a generic permit. This will give them the ability to swap out or add equipment as needed to their current facility located at 1001 N Haseltine Road, Springfield, Missouri. This will give them more flexibility and allow them to swap out the secondary cone crusher with a higher MHDR not to exceed 450 tph for either a stationary secondary crusher or replace the current portable with a new one. This secondary crusher will have a higher capacity than the current cone crusher (MHDR of 330 tph). The overall crushing capacity of the new plant will increase to 450 tons per hour. The maximum amount of equipment at this installation will be three crushers, four screens, and 17 conveyors.

Westside Stone, LLC is developing underground mines to create space for a future underground crusher. The rock mined in the underground is transported to the surface and staged in a surge pile. An excavator feeds the material from the surge pile into the primary crusher to process. The distance of Haul Road #1 is approximately 950 feet and is completely underground. The road is consistently muddy and soggy due to the moisture from the underground water seeping from the cavern. Therefore these emissions were not counted in this project. Haul Road #2 is at the tunnel exit point above ground and a distance of 1320 feet to the crusher surge pile. The primary crusher feeds a screen which makes 1" base product and 1¼" clean product and the remaining material will then be transported to the secondary crusher. The secondary crusher sends the material onto a screen that creates 1" clean product, 3/8" clean product and 3/16" clean product. Any oversize product goes back to the secondary crusher for re-crushing. The product that is 3/16" minus goes on to a final screen where 3/16" clean product, man-made sand and lime sand are made. Haul Road #3 is 1450

feet and transports crushed aggregate to the southeast stockpile area. Haul Road #4 is primarily the customer haul road and is 1275 feet. The applicant is using one of the methods described in Attachment AA, "Best Management Practices," to control emissions from haul roads and vehicular activity areas.

Various pieces of equipment will be equipped with water spray devices. These devices are not required to be operating during production because a moisture content of 1.5% by weight is required under Special Condition 3. All water spray devices must not be operating when samples are taken for the moisture requirement.

The primary crusher (EU-03), screen (EU-05), screen (EU-10), secondary crusher (EU-20 and screen (EU-22) will be track mounted and the engines serve a dual purpose by propelling the portable plant(s) and supplying the power to the crushers/screens and associated conveyors. Therefore, their engines meet the definition of a nonroad engine as state in 40 CFR 89.2 Nonroad Engine (1)(i). Those engine emissions were not evaluated for this review.

The secondary crusher (EU-08) and high efficiency screen (EU-12) have line power as well as their associated conveyors/stacker. There are no other engines at this installations that are used to supply power other than those associated with the track mounted equipment.

This installation is located in Greene County, an attainment/unclassifiable area for all criteria pollutants.

This installation is not on the List of Named Installations [10 CSR 10-6.020(3)(B), Table 2].

TABLES

Table 2: Equipment List of Generic Rock Crushing Plant:

Emission Point	Equipment Description	MHDR
EP-01	Loading into Grizzly/feeder	450 tph
EP-02	Grizzly	450 tph
EP-03	Primary Crusher	450 tph
EP-04	Conveyor	450 tph
EP-05	Screen	450 tph
EP-06	Conveyor (2)(a,b)	450 tph
EP-07	Conveyor	450 tph
EP-08	Secondary Crusher	450 tph
EP-09	Conveyor	450 tph
EP-10	Screen	450 tph
EP-11	Conveyors (a,b,c,d) (4)	450 tph
EP-12	High Frequency Screen	450 tph
EP-13	Conveyors (a,b,c) (3)	450 tph
EP-14	Stacker	450 tph
EP-20	Secondary Crusher	450 tph
EP-21	Conveyor	450 tph

EP-22	Screen	450 tph
EP-23	Conveyors (4)(a,b,c,d)	450 tph
EP-24a	Storage Pile Load-In	450 tph
EP-24b	Storage Pile Load-Out	450 tph
EP-24c	Vehicular Activity	1.8 VMT/hr
EP-24d	Wind Erosion	8 acres
Haul Road #2	Above ground haul road from mine to crusher (1320 feet)	6.25 VMT/hr
Haul Road #3	Crusher to storage piles (1450 feet)	6.87 VMT/hr
Haul Road #4	Customer Shipping (1275 feet)	7.16 VMT/hr

The following permits have been issued to Westside Stone, LLC from the Air Pollution Control Program.

Table 3: Permit History

Permit Number	Description
032017-009	Making a portable plant stationary

The table below summarizes the emissions of this project. The potential emissions of the process equipment exclude emissions from haul roads and wind erosion. The existing actual emissions were taken from the previous year's EIQ. The potential emissions of the application represent the emissions of all equipment and activities assuming continuous operation (8760 hours per year). Conditioned potential emissions account for a voluntary annual de minimis PM₁₀ emission limit of 15.0 tons per year.

Table 4: Emissions Summary (tons per year)

Air Pollutant	De Minimis Level/SMAL	^a Potential Emissions of Process Equipment (tons/yr)	Existing Actual Emissions (2018 EIQ)	^b Potential Emissions of the Application	Conditioned Potential Emissions
PM	25.0	28.22	N/D	215.95	44.14
PM ₁₀	15.0	10.66	2.27	73.38	<15.0
PM _{2.5}	10.0	1.23	0.43	15.44	3.16
SO _x	40.0	N/D	N/D	N/D	N/D
NO _x	40.0	N/D	N/D	N/D	N/D
VOC	40.0	N/D	N/D	N/D	N/D
CO	100.0	N/D	N/D	N/D	N/D
Total HAPs	25.0	N/D	N/D	N/D	N/D

N/D = Not Determined

^aProcess Equipment excluding haul roads and storage pile emissions.

^bIncludes haul road and storage pile emissions

EMISSIONS CALCULATIONS

Emissions for the project were calculated as described below and using emission factors found in the United States EPA document AP-42 *Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fifth Edition (AP-42)*.

Emissions from the rock-crushing equipment:

- Calculated using emission factors from AP-42 Section 11.19.2 “Crushed Stone Processing and Pulverized Mineral Processing,” August 2004.
- The controlled emission factors were used because the inherent moisture content of the crushed rock is greater than 1.5 % by weight.

Emissions from aggregate handling:

- Calculated using emission factors from AP-42 Section 11.19.2 “Crushed Stone Processing and Pulverized Mineral Processing,” August 2004.
- The controlled emission factors were used because the inherent moisture content of the crushed rock is greater than 1.5% by weight.

Emissions from haul roads and vehicular activity areas:

- Calculated using the predictive equation from AP-42 Section 13.2.2 “Unpaved Roads,” November 2006.
- A 90% control efficiency for PM and PM₁₀ and a 74% control efficiency for PM_{2.5} were applied to the emission calculations for the use of BMPs.

Emissions from storage piles:

- Load-in and load-out of storage piles were calculated using the predictive equation from AP-42 Section 13.2.4 “Aggregate Handling and Storage Piles,” November 2006.
- The moisture content of the aggregate is greater than 1.5% by weight.
- Emissions from wind erosion of storage piles were calculated using an equation found in the Air Pollution Control Program’s Emissions Inventory Questionnaire Form 2.8 “Storage Pile Worksheet.”

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 PM₁₀ are conditioned to de minimis levels. Potential emissions of PM are above de minimis levels, but below major levels.

APPLICABLE REQUIREMENTS

Westside Stone, LLC 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, no operating permit is required because emissions are conditioned below de minimis.
- *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

- 40 CFR 60 Subpart OOO, "Standards of Performance for Nonmetallic Mineral Processing Plants" applies to the equipment.

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 July 8, 2019, received July 8, 2019, designating Erlen Group, DBA Springfield Underground, Inc. as the owner and operator of the installation.

Attachment AA: Best Management Practices

Haul roads and vehicular activity areas shall be maintained in accordance with at least one of the following options when the plant is operating.

1. Pavement
 - A. The operator shall pave the area with materials such as asphalt, concrete or other materials approved by the Air Pollution Control Program. The pavement will be applied in accordance with industry standards to achieve control of fugitive emissions while the plant is operating.
 - B. Maintenance and repair of the road surface will be conducted as necessary to ensure that the physical integrity of the pavement is adequate to achieve control of fugitive emissions from these areas while the plant is operating.
 - C. The operator shall periodically wash or otherwise clean all of the paved portions of the haul roads as necessary to achieve control of fugitive emissions from these areas while the plant is operating.

2. Application of Chemical Dust Suppressants
 - A. The operator shall apply a chemical dust suppressant (such as magnesium chloride, calcium chloride, lignosulfonates, etc.) to unpaved areas.
 - B. The quantities of the chemical dust suppressant shall be applied and maintained in accordance with the manufacturer's recommendation (if available) and in sufficient quantities to achieve control of fugitive emissions from these areas while the plant is operating.
 - C. The operator shall record the time, date and the amount of material applied for each application of the chemical dust suppressant agent on the above areas. The operator shall keep these records with the plant for not less than five (5) years and make these records available to Department of Natural Resources' personnel upon request.

3. Application of Water-Documented Daily
 - A. The operator shall apply water to unpaved areas. Water shall be applied at a rate of 100 gallons per day per 1,000 square feet of unpaved or untreated surface area while the plant is operating.
 - B. Precipitation may be substituted for watering if the precipitation is greater than one quarter of one inch and is sufficient to control fugitive emissions.
 - C. Watering may also be suspended when the ground is frozen, during periods of freezing conditions when watering would be inadvisable for traffic safety reasons, or when there will be no traffic on the roads.
 - D. The operator shall record the date, volume of water application and total surface area of active haul roads or the amount of precipitation that day. The operators shall also record the rationale for not watering (e.g. freezing conditions or not operating).
 - E. The operator shall keep these records with the plant for not less than five (5) years, and the operator shall make these records available to Department of Natural Resources' personnel upon request.

APPENDIX A

Abbreviations and Acronyms

%percent	MMBtuMillion British thermal units
°Fdegrees Fahrenheit	MMCFmillion cubic feet
acfmactual cubic feet per minute	MSDSMaterial Safety Data Sheet
BACTBest Available Control Technology	NAAQSNational Ambient Air Quality Standards
BMPsBest Management Practices	NESHAPs ..National Emissions Standards for Hazardous Air Pollutants
BtuBritish thermal unit	NO_xnitrogen oxides
CAMCompliance Assurance Monitoring	NSPSNew Source Performance Standards
CASChemical Abstracts Service	NSRNew Source Review
CEMSContinuous Emission Monitor System	PMparticulate matter
CFRCode of Federal Regulations	PM_{2.5}particulate matter less than 2.5 microns in aerodynamic diameter
COcarbon monoxide	PM₁₀particulate matter less than 10 microns in aerodynamic diameter
CO₂carbon dioxide	ppmparts per million
CO_{2e}carbon dioxide equivalent	PSD Prevention of Significant Deterioration
COMSContinuous Opacity Monitoring System	PTEpotential to emit
CSRCode of State Regulations	RACTReasonable Available Control Technology
dscfdry standard cubic feet	RALRisk Assessment Level
EQEmission Inventory Questionnaire	SCCSource Classification Code
EPEmission Point	scfmstandard cubic feet per minute
EPAEnvironmental Protection Agency	SDSSafety Data Sheet
EUEmission Unit	SICStandard Industrial Classification
fpsfeet per second	SIPState Implementation Plan
ftfeet	SMALScreening Model Action Levels
GACTGenerally Available Control Technology	SO_xsulfur oxides
GHGGreenhouse Gas	SO₂sulfur dioxide
gpmgallons per minute	SSMstartup, shutdown, & malfunction
grgrains	tphtons per hour
GWPGlobal Warming Potential	tpytons per year
HAPHazardous Air Pollutant	VMTvehicle miles traveled
hrhour	VOCVolatile Organic Compound
hphorsepower	
lbpound	
lbs/hrpounds per hour	
MACTMaximum Achievable Control Technology	
µg/m³micrograms per cubic meter	
m/smeters per second	
Mgal1,000 gallons	
MWmegawatt	
MHDRmaximum hourly design rate	