

PERMIT AMENDMENT NO. 1423-157-0023-S-05-1
ISSUANCE DATE:



GEORGIA
DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

Air Quality – Permit Amendment

In accordance with The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Rules, Chapter 391-3-1, adopted pursuant to or in effect under that Act, Permit No. 1423-157-0023-S-05-0 issued on December 15, 2015, to:

Facility Name: Vulcan Construction Materials, LLC – Jackson County Quarry
Facility Address: 1626 Possum Creek Road
Jefferson, Georgia 30549 (Jackson County)
Mailing Address: 800 Mt. Vernon Highway NE, Suite 200
Atlanta, Georgia 30328
Facility AIRS Number: 04-13-157-00023

for the following: The operation of a rock quarry and the authorization of a facility name change from Vulcan Materials, L.P. – Jackson County Quarry to Vulcan Construction Materials, LLC – Jackson County Quarry.

is hereby amended as follows: Replacing the existing stone processing plant/operation with a new stone processing plant/operation including portable/mobile crushers, screens, and radial stackers powered by onboard non-road diesel engines, several stationary belt conveyors, bins, feeders, and loaders, one wet screen, and one wet screw. The production and sale rates and operating time of the new stone processing plant/operation remains the same as the existing stone processing plant/operation.

Reason for Amendment: Application No. 28457 dated June 14, 2022.

This Permit is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached 2 page(s).

This Permit Amendment is hereby made a part of Permit No. 1423-157-0023-S-05-0 and compliance herewith is hereby ordered. Except as amended hereby, the above referenced Permit remains in full force and effect.



Richard E. Dunn, Director
Environmental Protection Division

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4. Process & Control Equipment

New Condition

- 4.4 Each portable/mobile stone processing unit(s) powered by an internal combustion engine(s) at this quarry shall have and use wet suppression systems to abate emissions of particulate matter/dust from its operation. The wet suppression systems shall be monitored and maintained according to Conditions 5.1, 5.2 and/or 5.3 of this Permit.
- 4.5 Each portable stone processing unit(s) powered by an internal combustion engine(s) at this quarry shall be portable/mobile, i.e., nonroad, as defined in 40 CFR §1068.30.
- 4.6 Electricity or low sulfur diesel fuel as defined in 40 CFR § 1090.305 shall be used to power each portable stone processing unit(s) at this quarry. The Permittee shall keep pertinent fuel records for compliance demonstration.
- 4.7 Each of the internal combustion engines powering the portable stone processing units at this quarry shall be certified by US EPA for compliance with applicable emission standards for nonroad engines. The Permittee shall obtain copies of the pertinent EPA certificates for the engines and keep the certificates on site.

10. Special Conditions

New Condition

- 10.7 No portable/mobile stone processing unit(s) powered by an internal combustion engine(s) at this quarry shall remain at this facility for more than 12-consecutive months including nonoperating time. The Permittee shall notify the Division in writing of the date each portable/mobile processing unit powered by an internal combustion engine(s) moving in and out of this facility within 15 days of such date.

**State of Georgia
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**Attachment A– Equipment List (Updated)
Vulcan Construction Materials, LLC – Jackson County Quarry
1626 Possum Creek Road
Jefferson, Georgia 30549**

Process ⁽¹⁾	Source Code	Controls ⁽²⁾	40 CFR 60 Subpart OOO Applicability ⁽³⁾	
			Prior to April 22, 2008	On or After April 22, 2008
Primary Crushing (Mobile, 600 TPH)	CR1	Water Spray		Yes
Screening (Mobile, 600 TPH)	S1	Water Spray		Yes
Secondary Crushing (Mobile, 233 TPH)	CR2	Water Spray		Yes
Fines Screening (Mobile, 233 TPH)	S2	Water Spray		Yes
Fines Crushing (Mobile, 122 TPH)	CR3	Water Spray		Yes
Radial Conveyor Stacker 1 (Mobile, 204 TPH)	RS1	Water Spray		Yes
Radial Conveyor Stacker 2 (Mobile, 163 TPH)	RS2	Water Spray		Yes
Radial Conveyor Stacker 3 (Mobile, 22 TPH)	RS3	Water Spray		Yes
Radial Conveyor Stacker 4 (Mobile, 89 TPH)	RS4	Water Spray		Yes
Fines/Wash Screening, wet (Mobile, 211 TPH)	S3	n/a		n/a
Bin Hopper	B1	Water Spray		Yes
Front End Loader	FE1	n/a		Yes
Feeder	FE	Water Spray		Yes
Conveyor #1 (30")	C1	Water Spray		Yes
Conveyor #2 (30")	C2	Water Spray		Yes
Conveyor #3 (30")	C3	Water Spray		Yes
Conveyor #4 (30")	C4	Water Spray		Yes
Conveyor #5 (30")	C5	Water Spray		Yes
Conveyor #6 (30")	C6	Water Spray		Yes
Screw Conveyor, wet	SS1	n/a		n/a

- [1] This “Facility Description” contains information regarding specific emissions points and was created as a reference for certain other Conditions in this Permit (or Permit Amendment). It is not intended to be a comprehensive list of all air pollution sources at this facility and may not include every minor or fugitive emission source. Future minor modifications or additions at this facility may be exempted from permitting by the Georgia Rules for Air Quality Control and may occur without causing this Attachment to be updated.
- [2] The control device column is intended to identify emission controls. Sources identified as “water carryover” rely on water moisture previously applied by required water sprays; and “wet process” requires saturation of aggregates with water.
- [3] The NSPS column is intended to distinguish between “affected facilities” and “existing facilities” or “exempt facilities”. Sources identified as N/A are those types of process equipment not regulated by NSPS Subpart OOO. Hence the NSPS limits do not apply regardless of age.