



**STATE OF TENNESSEE  
AIR POLLUTION CONTROL BOARD  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
NASHVILLE, TENNESSEE**

**PERMIT TO OPERATE AIR CONTAMINANT SOURCE(S)**

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**Permit Number:** 079468

**Facility (Permittee):** O-N Minerals (Luttrell) Company dba Carmeuse Lime & Stone

**Facility ID:** 87-0023

**Facility Address:** 486 Clinch Valley Road, Luttrell  
Union County

**Facility Classification:** True Minor

**Federal Requirements:** NSPS 40 CFR 60 Subpart OOO

**Facility Description:** Limestone Mining Operation

Permit 079468, consisting of 22 pages is hereby issued September 29, 2022, pursuant to the Tennessee Air Quality Act and by the Technical Secretary, Tennessee Air Pollution Control Board, Department of Environment and Conservation. This permit expires on November 1, 2031. The holder of this permit shall comply with the conditions contained in this permit as well as all applicable provisions of the Tennessee Air Pollution Control Regulations (TAPCR).

Michelle W. Owenby  
Technical Secretary  
Tennessee Air Pollution Control Board

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No Authority is Granted by this Permit to Operate, Construct, or Maintain any Installation in Violation of any Law, Statute, Code, Ordinance, Rule, or Regulation of the State of Tennessee or any of its Political Subdivisions.

## **Section I – Sources Included in this Operating Permit**

FACILITY DESCRIPTION			
Source Number	Source Description	Status	Control Device/Equipment
01	Stationary Rock Crushing and Screening Operation	Existing	Wet Suppression Control

## **Section II – Permit Record**

Permit Type	Description of Permit Action	Issue Date
Initial	Initial Operating Permit Issuance	September 29, 2022

## **Section III - General Permit Conditions**

### **G1. Responsible Person**

The application that was utilized in the preparation of this operating permit is dated September 30, 2021, and is signed by Ben Hopkins, Site Operations Manager, the Responsible Person for the permittee. The Responsible Person may be the owner, president, vice-president, general partner, plant manager, environmental/health/safety coordinator, or other person that is able to represent and bind the facility in environmental permitting affairs. If this Responsible Person terminates their employment or is assigned different duties and is no longer the person to represent and bind the permittee in environmental permitting affairs, the new Responsible Person for the permittee shall notify the Technical Secretary of the change in writing. The Notification shall include the name and title of the new Responsible Person assigned by the permittee to represent and bind the permittee in environmental permitting affairs, and the date the new Responsible Person was assigned these duties.

Should a change in the Responsible Person occur, the new Responsible Person must submit the Notification provided in Appendix 1 of this permit no later than 30 days after being assigned as the Responsible Person. A separate notification shall be submitted for each subsequent change in Responsible Person.

TAPCR 1200-03-09-.03(8)

### **G2. Application and Agreement Letters**

This source shall operate in accordance with the terms of this permit, the information submitted in the approved permit application(s) referenced in **Condition G1**, and any documented agreements made with the Technical Secretary.

TAPCR 1200-03-09-.01(1)(d)

### **G3. Submittals**

Unless otherwise specified within this permit, the permittee shall submit, preferably via email and in Adobe Portable Document format (PDF), all applicable plans, checklists, certifications, notifications, test protocols, reports, and applications to the attention of the following Division Programs at the email addresses indicated in the table below:

Permitting Program	Compliance Validation Program	Field Services Program
<ul style="list-style-type: none"> <li>• Notifications</li> <li>• Startup certifications</li> <li>• Applications</li> <li>• NSPS reports</li> <li>• MACT/GACT/NESHAP reports</li> <li>• Emission statements</li> </ul>	<ul style="list-style-type: none"> <li>• Test protocols</li> <li>• Emission test reports</li> <li>• Visible emission evaluation reports</li> </ul>	<ul style="list-style-type: none"> <li>• Semiannual reports</li> <li>• Annual compliance certifications/status reports</li> </ul>
Division of Air Pollution Control William R. Snodgrass TN Tower, 15 <sup>th</sup> Floor 312 Rosa L. Parks Avenue Nashville, TN 37243 Air.Pollution.Control@tn.gov		Knoxville Environmental Field Office Division of Air Pollution Control 3711 Middlebrook Pike Knoxville, TN 37921 APC.KnoxEFO@tn.gov

The permittee shall submit the information identified above as requested in this permit. In lieu of submitting this information to the email addresses above, the permittee may submit the information to the attention of the respective Division Programs at the mailing addresses listed above.

TAPCR 1200-03-09-.03(8)

#### **G4. Notification of changes**

The permittee shall notify the Technical Secretary for any of the following changes to a permitted air contaminant source which would not be a modification requiring a new construction permit:

- change in air pollution control equipment that does not result in an increase or otherwise meet the definition of a modification
- change in stack height or diameter
- change in exit velocity of more than 25 percent or exit temperature of more than 15 percent based on absolute temperature.

The permittee must submit the Notification provided in Appendix 2 of this permit 30 days before the change is commenced.

TAPCR 1200-03-09-.02(7)

#### **G5. Permit Transference**

- This permit is not transferable from one air contaminant source to another air contaminant source or from one location to another location. The permittee must submit a construction permit application for a new source to the Permitting Program not less than 90 days prior to the estimated starting date of these events. If the new source will be subject to major New Source Review, the application must be submitted not less than 120 days in advance of the estimated starting date of these events.

TAPCR 1200-03-09-.03(6)(b) and 1200-03-09-.01(1)(b)

- B. In the event an ownership change occurs at this facility, the new owner must submit the notification provided in Appendix 3 of this permit. The written notification must be submitted by the new owner to the Permitting Program no later than 30 days after the ownership change occurs. If the change in ownership results in a change in Responsible Person for the facility, notification of the change in Responsible Person must also be submitted, as specified in **Condition G1**.

TAPCR 1200-03-09-.03(6)(a) and (b)

#### **G6. Operating Permit Application Submittal**

- A. The permittee shall apply for an operating permit renewal not less than 60 days prior to the permit's expiration date.

TAPCR 1200-03-09-.02(3)(a)

- B. Operation of each air contaminant source shall be in accordance with the provisions and stipulations set forth in this permit, all provisions of the Tennessee Division of Air Pollution Control Regulations, and all provisions of the Tennessee Air Quality Act

TAPCR 1200-03-09-.02(6)

#### **G7. Fees**

The air contaminant source(s) identified in this permit shall comply with the requirements for payment of applicable annual emission fees to the Tennessee Division of Air Pollution Control based on the Administrative Fees Schedule I provided in Appendix 4 of this permit. The fee must be paid to the Division in full by the first day of the month that the fee is due (determined from Appendix 4). (Note: not all facilities are required to pay annual emission fees)

TAPCR 1200-03-26-.02

#### **G8. General Recordkeeping Requirements**

- A. All recordkeeping requirements for all data required to be recorded shall follow the following schedules:

For Daily Recordkeeping	For Weekly Recordkeeping	For Monthly Recordkeeping
No later than seven days from the end of the day for which the data is required.	No later than seven days from the end of the week for which the data is required.	No later than 30 days from the end of the month for which the data is required.

- B. The information contained in logs, records, and submittals required by this permit shall be kept at the facility's address, unless otherwise noted, and provided to the Technical Secretary or a Division representative upon request. Computer-generated logs are acceptable. Compliance is assured by retaining the logs, records, and submittals specified in this permit for a period of not less than five years at the facility's address.

TAPCR 1200-03-10-.02(2)(a)

## **G9. Routine Maintenance Requirements**

The permittee shall maintain and repair the emission source, associated air pollution control device(s), and compliance assurance monitoring equipment as required to maintain and assure compliance with the specified emission limits.

TAPCR 1200-03-09-.03(8)

**Compliance Method:** Records of all repair and maintenance activities required above shall be recorded in a suitable permanent form and kept available for inspection by the Division. These records must be retained for a period of not less than five years. The date each maintenance and repair activity began shall be entered in the log no later than seven days following the start of the repair or maintenance activity, and the completion date shall be entered in the log no later than seven days after activity completion.

## **G10. Visible and Fugitive Emissions**

A. Unless otherwise specified, visible emissions from this facility shall not exhibit greater than 20% opacity, except for one six-minute period in any one hour period, and for no more than four six-minute periods in any 24-hour period. A stack is defined as any chimney, flue, conduit, exhaust, vent, or opening of any kind whatsoever, capable of, or used for, the emission of air contaminants.

TAPCR 1200-03-05-.01(1) and 1200-03-05-.03(6)

**Compliance Method:** When required to demonstrate compliance, visible emissions shall be determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average).

B. The permittee shall not cause, suffer, allow, or permit any materials to be handled, transported, or stored; or a building, its appurtenances, or a road to be used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne. Reasonable precautions shall include, but are not limited to, the following:

- (a) Use, where possible, of water or chemicals for control of dust in demolition of existing buildings or structures, construction operations, grading of roads, or the clearing of land;
- (b) Application of asphalt, water, or suitable chemicals on dirt roads, material stockpiles, and other surfaces which can create airborne dusts;
- (c) Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty materials. Adequate containment methods shall be employed during sandblasting or other similar operations.

The permittee shall not cause, suffer, allow, or permit fugitive dust to be emitted in such manner to exceed five minutes per hour or 20 minutes per day as to produce a visible emission beyond the property line of the property on which the emission originates, excluding malfunction of equipment as provided in TAPCR 1200-03-20. A malfunction is defined as, any sudden and unavoidable failure of process equipment or for a process to operate in an abnormal and unusual manner. Failures that are caused by poor maintenance, careless operation, or any other preventable upset condition or preventable equipment breakdown shall not be considered malfunctions.

TAPCR 1200-03-08-.01(1) and 1200-03-08-.01(2)

**Compliance Method:** Fugitive emissions shall be determined by Tennessee Visible Emissions Evaluation Method 4 as adopted by the Tennessee Air Pollution Control Board on April 16, 1986.

C. Fugitive emissions from roads and parking areas shall not exhibit greater than 10% opacity.

TAPCR 1200-03-08-.03

**Compliance Method:** When required to demonstrate compliance, fugitive emissions from roads and parking areas shall be determined by utilizing Tennessee Visible Emissions Evaluation (TVEE) Method 1, as adopted by the Tennessee Air Pollution Control Board on April 29, 1982, as amended on September 15, 1982 and August 24, 1984.

**G11. Facility-wide Limitation(s)**

*Not Applicable*

**G12. NSPS/NESHAP/MACT/GACT Standards**

The following source(s) are subject to and shall comply with all applicable requirements of each NSPS/NESHAP/MACT/GACT standard as indicated in the table below, including the General Provisions identified in Appendix 9. The applicable requirements of each standard are incorporated into this permit pursuant to TAPCR 1200-03-09-.03(8).

Source	NESHAP/MACT/GACT	NSPS
01	Not Applicable	40 CFR 60 Subpart OOO

TAPCR 1200-03-09-.03(8)

**Compliance Method:** Compliance methods are provided in the conditions in **Section V** of this permit.

**G13. VOC and NOX Emission Statement**

*Not Applicable*

**G14. Permit Supersedes Statement**

This permit supersedes all previously issued permits for this/these source(s).

TAPCR 1200-03-09-.03(8)

**Section IV – Federal and/or State Only Requirements**

*See Section V – Source Specific Permit Conditions*

## **Section V - Source Specific Permit Conditions**

Source No	Source Description
01	Rock Crushing and Screening with Wet Suppression Control

### **S1-1. Input Limitation(s) or Statement(s) of Design Capacity**

- A. The design capacity of the primary feeder shall not exceed the following limit, on a daily average basis:

Operation/Equipment	I.D. No.	Size	Manufacture Date/Status	Capacity (ton/hr)
Telsmith Feeder	SN001	42"x48"	1988/NSPS	1,200

Should the permittee need to modify the source(s) in a manner that increases the maximum material input rate a construction permit shall be applied for and received in accordance with TAPCR 1200-03-09-.01 prior to making the change.

TAPCR 1200-03-09-.03(8), 1200-03-10-.02(2)(a), and the application dated September 30, 2021

**Compliance Method:** The permittee shall maintain a log of the actual daily material input that readily provides the information required in the tables in Appendix 7, or in an alternative format, which provides the same information. The log shall be retained in accordance with **Condition G8**.

- B. The design capacity (in tons per hour) of crushers, surface area of screens, and width of conveyors shall not exceed the limits listed below:

Primary Circuit				
Operation/Equipment	I.D. No.	Size	Manufacture Date/Status	Capacity (ton/hr)
Telsmith Crusher	SN001		1988/NSPS	1,200
Sandvik Cone Crusher	SN016		2015/NSPS	900
VSI Tertiary Crusher	SN040		2000/NSPS	200
Near Screen	SN012	8'x24'	1989/NSPS	600
Far Screen	SN013	8'x24'	1989/NSPS	600
1 Belt Conveyor	SN004	42"	1988/NSPS	600
2 Belt Conveyor	SN005	36"	1978/Non-NSPS	600
3 Belt Conveyor	SN006	36"	1978/Non-NSPS	600
3A Belt Conveyor	SN010	30"	1987/NSPS	600
4 Belt Conveyor	SN011	36"	2010/NSPS	600
5A Belt Conveyor	SN014	30"	1978/Non-NSPS	600
5 Belt Conveyor	SN015	36"	1978/Non-NSPS	600
5B Belt Conveyor	SN017	30"	1978/Non-NSPS	350
7 Belt Conveyor	SN020	30"	1978/Non-NSPS	350
7A Belt Conveyor	SN047	30"	1978/Non-NSPS	350
8 Belt Conveyor	SN018	36"	1978/Non-NSPS	350
8A Belt Conveyor	SN019	30"	1978/Non-NSPS	350
8B Belt Conveyor	SN021	30"	1978/Non-NSPS	350

13A Belt Conveyor	SN048	30"	1978/Non-NSPS	350
Radial Stacker Conveyor	SN022	30"	1978/Non-NSPS	350
Pugmill	SN-PM		Before 1983/Non-NSPS	200

Wash Circuit				
Operation/Equipment	I.D. No.	Size	Manufacture Date/Status	Capacity (ton/hr)
Sand Screw	043		1987/Non-NSPS	200
Wash Screen	042	6'x20'	2002/Non-NSPS	1000
306 Radial Stacker	044	24"	1987/Non-NSPS	350
302 Belt Conveyor	045	24"	1987/Non-NSPS	350
303A Belt Conveyor	055	30"	1987/Non-NSPS	350
304 Belt Conveyor	054	36"	1987/Non-NSPS	350
305 Belt Conveyor	046	24"	1987/Non-NSPS	350
307 Belt Conveyor	056	24"	1987/Non-NSPS	350
308 Belt Conveyor	052	24"	1987/Non-NSPS	350

TAPCR 1200-03-09-.03(8), the application dated September 30, 2021

**Compliance Method:** The permittee shall maintain documentation to demonstrate the capacity of the source. Documentation may include, but is not limited to, purchase records, operating manuals, or a tag affixed to the unit by the manufacturer. These documents shall be kept readily available/accessible and made available upon request by the Technical Secretary or a Division representative.

#### S1-2. Production Limitation(s)

The production rate of the source shall not exceed **5,256,000** tons during any period of 12-consecutive months. Should the permittee need to modify the source(s) in a manner that increases the production rate, a construction permit shall be applied for and received in accordance with TAPCR 1200-03-09-.01 prior to making the change.

TAPCR 1200-03-09-.03(8), 1200-03-10-.02(2)(a), the application dated September 30, 2021, and the agreement letter dated August 15, 2022, from the permittee (Appendix 6)

**Compliance Method:** The permittee shall maintain a log of the actual production that readily provides the information required in the tables provided in Appendix 7. The log shall be retained in accordance with **Condition G8**.

#### S1-3. Operating Hour Limitation(s)

*Not Applicable*

#### S1-4. Emission Limitation(s)

Fugitive Particulate Matter (PM) emitted from the source shall not exceed **15.59** pounds per hour (lbs/hr) on a daily average basis.

TAPCR 1200-03-07-.01(5), 1200-03-10-.02(2)(a), the application dated September 30, 2021, and the agreement letter dated August 15, 2022, from the permittee (Appendix 6)



**Compliance Method:** Compliance with this emission limitation is assured by compliance with **Conditions S1-1A, F1-3**, and the use of AP-42, Chapter 11, Section 19, Emission Factors for Crushed Stone Processing and Pulverized Mineral Processing, Supplement to 5<sup>th</sup> Ed., 08/04.

Wet suppression must be applied at every transition (crushers, all other equipment items) and on storage piles, roads, and parking areas as needed to comply with this emission limits. The permittee shall maintain a daily log of wet suppression control while the source is in operation that readily provides the information required in the table in Appendix 8, or in an alternative format which provides the same information. If the facility is using a control mechanism to reduce fugitive emissions other than the water spray system (for example, water from recent rainfall), the log entry must specify the control mechanism being used instead of the water spray system. Days that the source is not in operation shall be noted. The logs shall be retained in accordance with **Condition G8**.

## **Federal and/or State Requirements**

### **F1-1. Source Specific NSPS Visible Emissions Limitation(s)**

- A. Visible emissions from NSPS Conveyor (ID# 011) shall not exhibit greater than 7% opacity as determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average).

40 CFR 60 Subpart OOO, TAPCR 1200-03-09-.03(8), and the application dated September 30, 2021

- B. Visible emissions from NSPS Screens (ID# 012 and 013) and Conveyors (ID# 004 and 010) shall not exhibit greater than 10% opacity as determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average).

40 CFR 60 Subpart OOO, TAPCR 1200-03-09-.03(8), and the application dated September 30, 2021

- C. Visible emissions from NSPS Crusher (ID# 016) shall not exhibit greater than 12% opacity as determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average).

40 CFR 60 Subpart OOO, TAPCR 1200-03-09-.03(8), and the application dated September 30, 2021

- D. Visible emissions from NSPS Crushers (ID# 001 and 040) shall not exhibit greater than 15% opacity as determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average).

40 CFR 60 Subpart OOO, TAPCR 1200-03-09-.03(8), and the application dated September 30, 2021

**Compliance Method:** When required to demonstrate compliance, visible emissions shall be determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average) and compliance with **Condition F1-3**. Compliance with this fugitive dust emission limits must be based on the average of five 6-minute data averages.

### **F1-2. Source Specific NSPS New Performance Test Requirements**

*Not Applicable*

**F1-3.** Wet suppression must be applied at every transition in this operation (crushers, screens, conveyors, and all other equipment items) and on storage piles, roads, and parking areas as necessary to comply with the standards in this permit. The wet suppression system shall be maintained in good working condition in order to provide sufficient water pressure and water flow to effectively control fugitive emissions. The permittee shall perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The permittee shall initiate, as well as record, corrective action within 24 hours and complete, as well as record, corrective action as expediently as practical if the permittee finds that water is not flowing properly during an inspection of the water spray nozzles. Pursuant to 40 CFR §60.676(b)(1), the permittee shall record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in a log. If an affected facility that routinely uses wet suppression water sprays ceases operation of the water sprays or is using a control mechanism to reduce fugitive emissions other than water sprays during the monthly inspection (for example, water from recent rainfall), the logbook entry must specify the control mechanism being used instead of the water sprays. Inspection records shall also include the initials of the person performing the inspection(s) and corrective action(s), along with the time, and any relevant comments. These records shall be retained in accordance with **Condition G8**.

40 CFR §§60.674(b), 60.676(b)(1), TAPCR 1200-03-09-.03(8), and 1200-03-10-.02(2)(a)

(end of conditions)

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The permit application gives the location of this source as 36°13'12" N Latitude and 83°43'48" W Longitude.



## Appendix 2: Notification of Changes

### Facility

(Permittee) O-N Minerals (Luttrell) Company dba Carmeuse Lime & Stone

Facility ID 87-0023

### Source No.

	Control Equipment	Stack Height (Feet)	Stack Diameter (Feet)	Exit Velocity (Feet/Second)	Exit Temperature (°F)
Current					
Proposed					
Current					
Proposed					
Current					
Proposed					

Comments:

As the Responsible Person of the above mentioned facility (permittee), I certify that the information contained in this Notification is accurate and true to the best of my knowledge. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Signature

Date

Signer's name (print)

Title

Phone (with area code)

### Appendix 3: Notification of Ownership Change

**Facility (Permittee)** O-N Minerals (Luttrell) Company dba Carmeuse Lime & Stone (Previous Owner)

**Facility ID** 87-0023

**Facility (Permittee)** \_\_\_\_\_ (New Owner)

**Email Address** \_\_\_\_\_

**Secretary of State Control Number** \_\_\_\_\_ [as registered with the TN Secretary of State]

**Date of Ownership Change** \_\_\_\_\_

Comments:

As the responsible person for the new owner or operator of the above mentioned facility (permittee):

- I agree to not make any changes to the stationary source(s) that meet the definition of modification as defined in Division 1200-03 or Division 0400-30<sup>1</sup>, and
- I agree to comply with the conditions contained in **the permits listed below**, Division 1200-03 and Division 0400-30 of the Tennessee Air Pollution Control Regulations, the Tennessee Air Quality Act, and any documented agreements made by the previous owner to the Technical Secretary.

List all active permits issued to the facility for which the owner wishes to assume ownership:

As the Responsible Person of the above mentioned facility (permittee), I certify that the information contained in this Notification is accurate and true to the best of my knowledge. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Signature		Date
Signer's name (print)	Title	Phone (with area code)

<sup>1</sup> Appropriate application forms must be submitted prior to modification of the stationary source(s).

## Appendix 4: Fees

All minor and conditional major source annual emission fees are due and payable to the Division in full according to SCHEDULE I below<sup>2</sup> unless otherwise specified in TAPCR 1200-03-26-.02(6)(c). The county that a source is located in determines when the minor source annual emission fee is due. Fees are due the first day of the month listed. If a source is located on contiguous property in more than one county, the county appearing earliest in the calendar year shall be used to determine the due date of the annual emission fee.

### SCHEDULE I Month the Annual Emissions Fee is Due (Accounting Period) Counties in the Monthly Grouping

January	Anderson, Bedford, Benton, Bledsoe, Blount, Bradley and Campbell
February	Cannon, Carroll, Carter, Cheatham, Chester, Claiborne, Clay and Cocke
March	Coffee, Crockett, Cumberland, Davidson, Decatur, DeKalb, Dickson, Dyer and Fayette
April	Fentress, Franklin, Gibson, Giles, Grainger, Greene and Grundy
May	Hamblen, Hamilton, Hancock, Hardeman, Hardin, Hawkins, Haywood and Henderson
June	Henry, Hickman, Houston, Humphreys, Jackson, Jefferson, Johnson, Knox, Lake, Lauderdale, Lawrence and Lewis
July	Lincoln, Loudon, McMinn, McNairy, Macon and Madison
August	Marion, Marshall, Maury, Meigs, Monroe, Montgomery, Moore and Morgan
September	Obion, Overton, Perry, Pickett, Polk, Putnam and Rhea
October	Roane, Robertson, Rutherford, Scott, Sequatchie, Sevier, and Shelby
November	Smith, Stewart, Sullivan, Sumner, Tipton, Trousdale, Unicoi and Union
December	Van Buren, Warren, Washington, Wayne, Weakley, White, Williamson and Wilson

<sup>2</sup> Note that some sources with allowable emissions below specific thresholds are not subject to the requirement to pay annual emission fees. Contact the Emission Inventory Program at [apc.inventory@tn.gov](mailto:apc.inventory@tn.gov) if you have any questions.

## **Appendix 5: Emission Statement for VOC and NO<sub>x</sub>**

*Not Applicable*

## Appendix 6: Agreement Letters



## Luttrell Operation

### VIA EMAIL

August 15, 2022

Tennessee Department of Environment and Conservation  
Division of Air Pollution Control  
William R. Snodgrass Tennessee Tower, 15<sup>th</sup> Floor  
312 Rosa L. Parks Blvd.  
Nashville, TN 37243  
Attn: Technical Secretary

**Re: Carmeuse Lime & Stone  
Luttrell Operation  
Source 87-0023  
Operating Permit Renewal**

Dear Technical Secretary

Carmeuse Lime & Stone agrees to production limitations noted below. This source will be operated as referenced within the permit application with the following throughput restrictions:

Primary Crusher	1200	tons/hour
Secondary Crusher	900	tons/hour
Tertiary Crusher	200	tons/hour

The maximum annual production for this source shall not exceed 5,256,000 tons during any period of 12 consecutive months. The Particulate Matter (TSP) emitted from this source will not exceed 15.59 lb/hr (68.31 tons/yr).

Compliance with these limitations shall be demonstrated by recordkeeping as required by permit.

If you have any questions or comments concerning this correspondence, please feel free to contact me at 205-601-7595.

Regards,

A handwritten signature in black ink that reads 'Jackie Padgett'.

Jackie Padgett  
Regional Environmental Manager  
Carmeuse Lime & Stone



## Appendix 7: Example Logs

### DAILY LOG FOR SOURCE 87-0023-01

Month: \_\_\_\_\_

Year: \_\_\_\_\_

Day	Material (ton)	Hours of Operation	*Daily Average Material (ton/hr)	Day	Material (ton)	Hours of Operation	*Daily Average Material (ton/hr)
1				17			
2				18			
3				19			
4				20			
5				21			
6				22			
7				23			
8				24			
9				25			
10				26			
11				27			
12				28			
13				29			
14				30			
15				31			
16							

*\*The daily average basis is to be calculated by dividing the tons processed of the day by the hours of operation for that same day.*

**MONTHLY PRODUCTION LOG FOR SOURCE 87-0023-01**

Month and Year	Production (ton)	Previous 11 month Total (ton)	12-Consecutive Month Total (ton)

The tons per 12 consecutive month value is the sum of the production (in tons) in the 11 months preceding the month just completed + the production (in tons) in the month just completed.

## Appendix 8: Example Logs – Wet Suppression Control

20XX DAILY WET SUPPRESSION CONTROL FOR SOURCE 87-0023-01							
JAN <input type="checkbox"/> FEB <input type="checkbox"/> MAR <input type="checkbox"/> APR <input type="checkbox"/> MAY <input type="checkbox"/> JUN <input type="checkbox"/> JUL <input type="checkbox"/> AUG <input type="checkbox"/> SEP <input type="checkbox"/> OCT <input type="checkbox"/> NOV <input type="checkbox"/> DEC <input type="checkbox"/>							
Day	Reading Time	Rock Crushing/Screening operating?		Wet Suppression Control operating?		Comments / Corrective Actions	Initials
		Yes	No	Yes	No		
1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
8		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
9		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
10		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
11		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
12		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
13		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
14		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
15		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
16		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
17		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
18		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
19		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
21		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
22		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
23		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
24		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
25		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
26		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
27		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
28		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
29		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
30		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
31		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

## Appendix 9: General Provisions for 40 CFR 60, Subpart OOO

You are required to comply with the following General Provisions of the federal Standards of Performance for New Stationary Sources (NSPS):

General provisions citation 40 CFR	Subject of citation	Applies to subpart	Explanation
§60.1	General applicability of the General Provisions	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
§60.2	Definitions	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
§60.3	Units and abbreviations	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
§60.4	Address	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Except in §60.4(a) and (b) submittals need not be submitted to both the EPA Region and delegated State authority (§60.676(k)).
§60.5	Determination of construction or modification	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
§60.6	Review of plans	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
§60.7	Notification and Recordkeeping	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Except in (a)(1) notification of the date construction or reconstruction commenced (§60.676(h)). Also, except in (a)(6) performance tests involving only Method 9 (40 CFR part 60, appendix A-4) require a 7-day advance notification instead of 30 days (§60.675(g)).
§60.8	Performance tests	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Except in (d) performance tests involving only Method 9 (40 CFR part 60, appendix A-4) require a 7-day advance notification instead of 30 days (§60.675(g)).
§60.9	Availability of information	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
§60.10	State Authority	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
§60.11	Compliance with standards and maintenance requirements	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Except in (b) under certain conditions (§§60.675(c)), Method 9 (40 CFR part 60, appendix A-4) observation is reduced from 3 hours to 30 minutes for fugitive emissions.
§60.12	Circumvention	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
§60.13	Monitoring requirements	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

§60.14	Modification	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
§60.15	Reconstruction	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
§60.16	Priority list	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
§60.17	Incorporations by reference	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
§60.18	General control device requirements	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
§60.19	General notification and reporting requirements	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

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## **Appendix 10: Performance Test Results for 40 CFR 60, Subpart OOO**

*Not Applicable*