

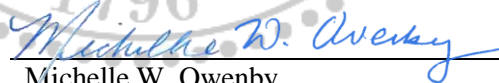


**STATE OF TENNESSEE  
AIR POLLUTION CONTROL BOARD  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
NASHVILLE, TENNESSEE**

**PERMIT TO CONSTRUCT / MODIFY AND OPERATE AIR CONTAMINANT SOURCE(S)**

**Permit Number:** 081811 Amendment 1  
**Facility (Permittee):** Martin Marietta Materials, Inc.- Murfreesboro Quarry  
**Facility ID:** 75-0022  
**Facility Address:** 2106 Twin Oak Drive, Murfreesboro  
Rutherford County  
**Facility Classification:** True Minor  
**Federal Requirements:** 40 CFR, Part 60, Subpart OOO  
**Facility Description:** Rock Crushing & Sizing Operation

Permit 081811 Amendment 1, consisting of 22 pages, is hereby issued on August 2, 2024, 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 October 1, 2033. 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

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 Permit**

FACILITY DESCRIPTION			
Source Number	Source Description	Status	Control Device/Equipment
01	Rock Crushing and Sizing Operations	Modified	Wet Suppression Control

**Section II – Permit Record**

Permit Type	Description of Permit Action	Issue Date
Initial	Initial construction operating permit	February 15, 2024
Amendment 1	Ownership change request dated April 30, 2024, revised on May 13, 2024, to change ownership from BWI MTN LLC, dba Blue Water Industries to Martin Marietta Materials, Inc. Changes made to permit: 1. Revised Facility (permittee) name on permit page and Appendices 1-4 2. Condition G3 address changed from William R. Snodgrass TN Tower to Davy Crockett Tower 3. Current Responsible Person changed to Bill Podrazik, President of Central Division	August 2, 2024

**Section III - General Permit Conditions**

**G1. Responsible Person**

The application that was utilized in the preparation of this permit is dated September 27, 2023, and is signed by Walt Hillis, Environmental Manager, the Responsible Person for the permittee. Per the letter dated June 25, 2024, the new Responsible Person is Bill Podrazik, President of Central Division. 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>
<p style="text-align: center;">Division of Air Pollution Control            Davy Crockett Tower, 7<sup>th</sup> Floor            500 James Robertson Parkway            Nashville, TN 37243  <a href="mailto:Air.Pollution.Control@tn.gov">Air.Pollution.Control@tn.gov</a></p>		<p style="text-align: center;">Nashville Environmental Field Office            Division of Air Pollution Control            711 R. S. Gass Blvd.            Nashville, TN 37216  <a href="mailto:APC.NashEFO@tn.gov">APC.NashEFO@tn.gov</a></p>

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**

- A. 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. Startup Certification for New or Modified Source(s)**

The startup certification provided in Appendix 4 shall be submitted to the Permitting Program once an air contaminant source has started up. Startup of the air contaminant source shall be the date the new or modified air contaminant source began operation for the production of product for sale, use as raw materials, or steam or heat production under the terms of this permit. A separate startup certification must be submitted for each air contaminant source included in this permit.

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

**Compliance Method:** The startup certification provided in Appendix 4 shall be submitted no later than 30 days after each air contaminant source has begun startup.

#### **G8. 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 5 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 5). (Note: not all facilities are required to pay annual emission fees)

TAPCR 1200-03-26-.02

#### **G9. 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)

**G10. 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.

**G11. 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.

**G12. Facility-wide Limitations**

*Not Applicable*

**G13. NSPS/NESHAP/MACT/GACT Standards**

The following source is subject to and shall comply with all applicable requirements of each NSPS standard as indicated in the table below, including the General Provisions identified in **Appendix 10**. 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 Part 60, Subpart OOO

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

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

**G14. VOC and NO<sub>x</sub> Emission Statement**

*Not Applicable*

**G15. Permit Supersedes Statement**

The issuance of this permit supersedes all previously issued permits for this air contaminant source.

**G16. Source Testing Requirements**

See Section V – Source Specific Permit Conditions.

**Section V - Source Specific Permit Conditions**

Source No	Source Description
01	Rock Crushing & Sizing Operation with Wet Suppression Control

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

A. The maximum input rate of the feeder for this source shall not exceed the following limit(s) on a daily average basis. Should the permittee need to modify the source(s) in a manner that increases the input rate, a construction permit shall be applied for and received in accordance with TAPCR 1200-03-09-.01 prior to making the change.

Operation/Equipment	I.D. No.	Size	Manufacturing Date/ Status	Input Rate (ton/hr)
Primary Vibrating Grizzly Feeder	VG F1	Deister 54" x 24"	2024 -NSPS	1200

TAPCR 1200-03-09-.02(6), the permittee’s application dated September 27, 2023, and the agreement letter dated September 27, 2023, from the permittee (Appendix 7)

**Compliance Method:** The permittee shall maintain a log of the daily material input and operating hours of the Primary Vibrating Grizzly Feeder (ID# VG F1) that readily provides the information required in the tables in Appendix 8, or in an alternative format which provides the same information. The logs shall be retained in accordance with **Condition G9**.

B. The design capacity of the crushers (in tons per hour), width of conveyors and screws, the total surface area of the top screen for each screen unit, and capacity or volume of bins and pugmills shall not exceed the limits listed below:

Crushers				
Operation/Equipment	I.D. No.	Size	Manufacturing date / Status	Capacity (ton/hr)
Primary Crusher	PCR1	---	2024 - NSPS	1100
Secondary Crusher	CR1		2002 - NSPS	500
Secondary Crusher	CR2		2002 - NSPS	500

Operation/Equipment	I.D. No.	Size	Manufacturing Date/ Status
Screen (Sizing)	S1	6’x 16’ TD	1999 –NSPS
Screen (Sizing)	S2	6’x 16’ TD	1999 - NSPS
Screen (Sand)	S3	6’x12’SD	1992 -NSPS
Screen (Washing- <b>*Wet Material</b> )	WS1	6’x16’DD	2020 - non-NSPS

Operation/Equipment	I.D. No.	Size	Manufacturing Date/ Status
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Feeder (Crusher CR1)	F2	---	1968 - non-NSPS
Feeder (Crusher CR2)	F3	---	1968 - non-NSPS
Conveyor (transfer)	PC1	42"	2024 -NSPS
Conveyor (transfer)	PC2	42"	1999-NSPS
Conveyor (transfer)	PC3	42"	1999-NSPS
Conveyor (transfer)	PC4	42"	1999 -NSPS
Conveyor (radial stacker)	PC5	TCI 42"	2024 -NSPS
Surge Bin	SB1	100 Ton	2017 -NSPS
Surge Bin feeder	F1	Syntron MF 400	2017-non-NSPS
Conveyor (transfer)	C2	SMCo 48"	1999 -NSPS
Conveyor (return)	C3	24"	1968 – non-NSPS
Conveyor (discharge)	C4	24"	1968 – non-NSPS
Conveyor (discharge)	C5	24"	1968 – non-NSPS
Conveyor (#4s stacker)	C6	30"	1997-non-NSPS (Like-for Like)
Wash Bin (pass thru-- <b>*Wet Material</b> )	B1	30 Ton	1968-non-NSPS
Conveyor 10s stacker	C9	24"	2000-NSPS
Conveyor, base stacker	C10	30"	1968-non-NSPS
Conveyor (base stacker)	C11	24"	1983-non-NSPS
Wash Bin (pass thru)	B2	30 Ton	1983-non-NSPS
Wash Bin (load out-- <b>*Wet Material</b> )	B3	30 Ton	1983-non-NSPS
Dewatering Screw Bin (load out-- <b>*Wet Material</b> )	B4	30 Ton	1983- non-NSPS
Dewatering Screw (- <b>*Wet Material</b> )	DWS1	Single	2005-non-NSPS
Conveyor (67s stacker-wet screened-- <b>*Wet Material</b> )	C12	30"	1997 – non-NSPS
Conveyor (transfer-- <b>*Wet Material</b> )	C13	24"	2000 – non-NSPS
Conveyor (stacker-- <b>*Wet Material</b> )	C14	24"	1990 – non-NSPS
Conveyor (sand plant feed)	C15	24"	1983 – non-NSPS
Conveyor (transfer)	C16	24"	2001 - NSPS
Conveyor (stacker)	C17	24"	2000 -NSPS
Conveyor (return)	C18	24"	2004- NSPS
Conveyor (return)	C19	24"	2001 - NSPS
Hopper	H1	12'x 6'	2021 - NSPS
Conveyor (transfer)	C20	30"	2021 - NSPS
Conveyor (transfer)	C21	30"	2021-NSPS
Hopper	H2	15'x 6'	2022 -NSPS
Conveyor (transfer)	C22	48"	2022 - NSPS
Conveyor (transfer)	C23	48"	2022-NSPS
Conveyor (pugmill tunnel)	PMC1	36"	1968-non-NSPS
Conveyor (pugmill feed)	PMC2	36"	1968-non-NSPS
Pugmill	PM1	500 Ton	1968-non-NSPS



**\*The provisions of 40 CFR Part 60, Subpart OOO do not apply to wet material processing operations.**  
Should the permittee need to modify the source(s) in a manner that increases the maximum design capacity or size, 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), and the application dated September 27, 2023, from the permittee

**Compliance Method:** The permittee shall maintain documentation to demonstrate the design capacity of the crushers (in tons per hour), width of conveyors and screws, the total surface area of the top screen for each screen unit, and capacity or volume of bins and pugmills. Documentation may include, but is not limited to, purchase records, operating manuals, or a tag affixed to the unit by the manufacturer. If documentation is not available upon request for all equipment, measurements and calculations shall be provided which confirm the capacity or size of the equipment. These documents, measurements, and calculations 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 for this source shall not exceed **2,000,000** tons per calendar year. Should the permittee need to modify the source(s) in a manner that increases the 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 agreement letter dated September 27, 2023, from the permittee (**Appendix 7**)

**Compliance Method:** The permittee shall maintain a log of the actual monthly production in a form that readily provides the information required in the tables in Appendix 8, or in an alternative format which provides the same information. The logs shall be retained in accordance with **Condition G9**.

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

*Not Applicable*

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

Fugitive Particulate Matter (PM) emitted from the source shall not exceed **53.82** pounds per hour (lbs/hr) on a daily average basis.

TAPCR 1200-03-07-.03(1) and the application(s) dated September 27, 2023, from the permittee.

**Compliance Method:** Compliance with this emission limitation is assured by compliance with **Conditions S1-1A, F1-1 and F1-3**

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 9, 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, 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 G9**.

### **S1-5. Source Specific Visible Emissions Limitations(s)**

*See Condition F1-1*

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

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

- A. Visible emissions from the NSPS Conveyors, Screens, and Bins (ID# PC1 – PC5, SB1, C2, C9, C16 – C23, S1, S2, S3, H1 and H2) shall not exceed **10%** (before April 22, 2008) or **7%** (on or after April 22, 2008) opacity as determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average).
- B. Visible emissions from the NSPS crushers (ID# VGF1, PCR1, CR1, and CR2) shall not exceed **15%** (before April 22, 2008) or **12%** (on or after April 22, 2008) as determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average).

40 CFR 60 Subpart OOO and TAPCR 1200-03-09-.03(8).

**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 F1-1**. Compliance with this visible emission limits must be based on the average of five 6-minute data averages.

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

Within 60 days after achieving the maximum production rate at which the affected source will be operated, but no later than 180 days after start-up of this source, the owner or operator shall furnish the Technical Secretary a written report of the results of the performance test which will demonstrate compliance with the opacity standard for the Primary Vibrating Grizzly Feeder (ID# VGF1), Primary Crusher (ID# PCR1), Conveyor (ID# PC1), Conveyor (ID# PC2), Conveyor (ID# PC3), Conveyor (ID# PC4), Conveyor (ID# PC5), Surge Bin (ID# SB1), and Conveyor Transfer (ID# C2) as specified in **Condition F1-1** of this permit. For the purpose of determining compliance, each performance test shall be conducted as per the provisions of the New Source Performance Standards for Non-Metallic Mineral Processing Plants (40 CFR Part 60 Subpart OOO) to demonstrate compliance with **Condition F1-1** of this permit. At least 30 days prior to the performance test, the Division's Compliance Validation Program shall be notified at the addresses provided in **Condition G3**. The notification shall include the test protocol.

The performance test report shall be submitted to the Compliance Validation Program in pdf format at the address provided in **Condition G3**.

TAPCR 1200-03-09-.03(8) and 40 CFR §§60.8 and §60.93

### **F1-3. For NSPS equipment- The following requirement only applies to NSPS equipment manufactured on or after April 22, 2008:**

Wet suppression must be applied at every transition in this operation (crushers, all other equipment items) and on storage piles, roads, and parking areas as needed 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 G9**.

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

(end of conditions)

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The permit application gives the location of this source as 35.52.28, Latitude and 86.19 53, Longitude.

**Appendix 1: Notification of Change in Responsible Person**

**Facility (Permittee)** Martin Marietta Materials, Inc.- Murfreesboro Quarry

**Facility ID** 75-0022

**Former Responsible Person** \_\_\_\_\_  
Name Title

**New Responsible Person** \_\_\_\_\_  
Name Title  
\_\_\_\_\_  
Email

**Date New Responsible Person was assigned this duty:** \_\_\_\_\_

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 2: Notification of Changes**

**Facility (Permittee)** Martin Marietta Materials, Inc.- Murfreesboro Quarry

**Facility ID** 75-0022

**Source No.** \_\_\_\_\_

	<b>Control Equipment</b>	<b>Stack Height (Feet)</b>	<b>Stack Diameter (Feet)</b>	<b>Exit Velocity (Feet/Second)</b>	<b>Exit Temperature (°F)</b>
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)** Martin Marietta Materials, Inc.- Murfreesboro Quarry (Previous Owner)

**Facility ID** 75-0022

**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: Startup Certification

**Facility (Permittee):** Martin Marietta Materials, Inc.- Murfreesboro Quarry

**Facility ID** 75-0022

**Startup Certification for Source No.** \_\_\_\_\_

The permittee shall certify the startup date for each new or modified air contaminant source regulated by permit 081811 by submitting this document.

**Date of startup:** \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
Month Day Year

As the Responsible Person of the above-mentioned facility (permittee), I certify that the information contained in this Startup Certification 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 5: 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 6: Emission Statement for VOC and NO<sub>x</sub>**

*Not Applicable*

## Appendix 7: Agreement Letters



Via Electronic Mail to [Air.Pollution.Control@tn.gov](mailto:Air.Pollution.Control@tn.gov)

September 27, 2023

Michelle W. Owenby, Director  
Division of Air Pollution Control  
Tennessee Department of Environment & Conservation  
William R. Snodgrass Tennessee Tower  
312 Rosa L. Parks Avenue, 15th Floor  
Nashville, TN 37243

**Re: Permit Agreement Letter for Construction/Modification Permit Application  
BWI MTN II, Inc. dba Blue Water Industries – Murfreesboro Quarry  
Emission Source No. 75-0022-01, Operating Permit No. 077073**

Dear Ms. Owenby:

On behalf of BWI Murfreesboro Quarry, the following amount of material processed permit limitations are agreed upon for the aggregate processing equipment for which a Construction Permit Application is being submitted for installation at the existing permitted facility. These processing limitations serve the purpose as an operational limitation on the source to emit an air pollutant (particulate matter-PM) as a part of the design of the source for federally enforceable purposes.

- The maximum production capacity for this source shall not exceed 2,000,000 tons per calendar year.
- The daily average maximum input for this source shall not exceed 1,200 tons per hour (TPH).

BWI Murfreesboro Quarry shall demonstrate compliance with the above-identified limitation by recordkeeping.

On behalf of BWI Murfreesboro Quarry, I agree to the above limitations. I am authorized to represent and bind the facility in environmental affairs.

If you have any questions concerning this correspondence, please contact me at 865-512-7628 or [whillis@bluewaterindustries.com](mailto:whillis@bluewaterindustries.com).

Sincerely,

Signature	<u><i>Walt Hillis</i></u>
Name (printed)	<u>Walt Hillis</u>
Title	<u>Environmental Manager</u>
Date	<u>09/27/2023</u>

**Appendix 8: Example Logs – Production and Operating Hours**

**Daily Log for Source 75-0022**                      **Source ID** \_\_\_\_\_

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

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**Monthly / Yearly Log of Production- Source 75-0022**                      **Source ID** \_\_\_\_\_

Month	Production (ton)	Month	Production (ton)	Month	Production (ton)
January		May		September	
February		June		October	
March		July		November	
April		August		December	
<b>Total(s) for calendar year 20__</b>					

**Appendix 9: Example Logs – Wet Suppression**

202_ DAILY CONTROL DEVICE FOR SOURCE 75-0022								
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	Time	Rock Crushing operating?		Wet Suppression operating?		Monthly Inspection conducted	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 10: General Provisions for 40 CFR Part 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"/>	

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