

PERMIT NO. 2951-117-0012-R-02-0  
ISSUANCE DATE: 06/01/2022



# GEORGIA

DEPARTMENT OF NATURAL RESOURCES

## ENVIRONMENTAL PROTECTION DIVISION

### Air Quality Permit

In accordance with the provisions of 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 and in effect under that Act,

**Facility Name:** Blount Construction Co.  
**Facility Address:** 911 Canton Hwy  
Cumming, Georgia 30040 Forsyth County  
**Mailing Address:** 1730 Sands Place SE  
Marietta, GA 30067  
**Facility AIRS Number:** 04-13-117-00012

is issued a Permit for the following:

**The operation of a hot mix asphalt plant, including the replacement of the existing drum and baghouse and the ability to process recycled asphalt. This Permit is issued for the purpose of establishing practically enforceable emission limitations such that the facility will not be considered a major source with respect to Title V of the Clean Air Act Amendments of 1990.**

This Permit is conditioned upon compliance with all provisions of The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq, the Rules, Chapter 391-3-1, adopted and in effect under that Act, or any other condition of this Permit.

This Permit may be subject to revocation, suspension, modification or amendment by the Director for cause including evidence of noncompliance with any of the above; or for any misrepresentation made in Application No. 28343 dated March 23, 2022; any other applications upon which this Permit is based; supporting data entered therein or attached thereto; or any subsequent submittals or supporting data; or for any alterations affecting the emissions from this source.

This Permit is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached 9 pages.



Richard E. Dunn, Director  
Environmental Protection Division

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**1. General Requirements**

- 1.1 At all times, including periods of startup, shutdown, and malfunction, the Permittee shall maintain and operate this source, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection or surveillance of the source.
- 1.2 The Permittee shall not build, erect, install or use any article, machine, equipment or process the use of which conceals an emission which would otherwise constitute a violation of an applicable emission standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard that is based on the concentration of a pollutant in the gases discharged into the atmosphere.
- 1.3 The Permittee shall submit a Georgia Air Quality Permit application to the Division prior to the commencement of any modification, as defined in 391-3-1-.01(pp), which may result in air pollution and which is not exempt under 391-3-1-.03(6). Such application shall be submitted sufficiently in advance of any critical date involved to allow adequate time for review, discussion, or revision of plans, if necessary. The application shall include, but not be limited to, information describing the precise nature of the change, modifications to any emission control system, production capacity and pollutant emission rates of the plant before and after the change, and the anticipated completion date of the change.
- 1.4 Unless otherwise specified, all records required to be maintained by this Permit shall be recorded in a permanent form suitable for inspection and submission to the Division and shall be retained for at least five (5) years following the date of entry.
- 1.5 In cases where conditions of this Permit conflict with each other for any particular source or operation, the most stringent condition shall prevail.

**2. Allowable Emissions**

- 2.1 The Permittee shall comply with all the applicable provisions of the New Source Performance Standards (NSPS), 40 CFR 60 Subpart A - "*General Provisions*," and 40 CFR 60 Subpart I - "*Standards of Performance for Hot Mix Asphalt Facilities*." Specifically, the Permittee shall not discharge or cause the discharge into the atmosphere from this source any emissions which: [40 CFR 60.92]
  - a. Contain particulate matter in excess of 90 mg/dscm (0.04 gr/dscf).
  - b. Exhibit 20 percent opacity, or greater.
- 2.2 The Permittee shall comply with the provisions of 40 CFR 60 Subpart OOO - "*Standards of Performance for Nonmetallic Mineral Processing Plants*," for all subject equipment. In

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particular, for equipment in fixed or portable nonmetallic mineral processing plants which is subject to 40 CFR 60 Subpart OOO, the Permittee shall comply with the following for each crusher, grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, enclosed truck or railcar loading station:  
[40 CFR 60.672]

- a. The Permittee shall not discharge or cause the discharge into the atmosphere, from each affected facility/source constructed, modified, or reconstructed after August 31, 1983 but before April 22, 2008, any fugitive emissions (including those escaping capture systems) greater than 10 percent opacity except for any crusher that does not use a capture system, which shall not exhibit fugitive emissions greater than 15 percent opacity.
- b. The Permittee shall not discharge or cause the discharge into the atmosphere, from each affected facility/source constructed, modified, or reconstructed on or after April 22, 2008, any fugitive emissions (including those escaping capture systems) exhibiting greater than 7 percent opacity except for any crusher that does not use a capture system, which shall not exhibit fugitive emissions greater than 12 percent opacity.

Note: Truck dumping of nonmetallic minerals into any screening operation, feed hopper, or crusher is exempt from the requirements of paragraphs a. and b.

- 2.3 The Permittee shall not cause, let, suffer, permit or allow the emissions into the atmosphere from any stack, including the hot oil heater stack, any gases the opacity of which is equal to or greater than forty (40) percent, unless a more stringent opacity or visible emissions standard applies.  
[391-3-1-.02(2)(b)1]

### **3. Fugitive Emissions**

- 3.1 The Permittee shall take all reasonable precautions to prevent fugitive dust from becoming airborne from any operation, process, handling, and transportation or storage facility. The opacity from any fugitive dust source shall not equal or exceed twenty percent. Reasonable precautions that should be taken to prevent dust from becoming airborne include, but are not limited to, the following:  
[391-3-1-.02(2)(n)]
  - a. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads or the clearing of land;
  - b. Application of asphalt, water, or suitable chemicals on dirt roads, materials, stockpiles, and other surfaces that can give rise to airborne dusts;
  - c. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty materials. Adequate containment methods can be employed during sandblasting or other similar operations;

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- d. Covering, at all times when in motion, open-bodied trucks, transporting materials likely to give rise to airborne dust; and
- e. The prompt removal of earth or other material from paved streets onto which earth or other material has been deposited.

**4. Process & Control Equipment**

- 4.1 Routine maintenance shall be performed on all air pollution control equipment. Maintenance records shall be in a form suitable for inspection or submittal to the Division and shall be maintained for a period of five (5) years from date of entry.  
[391-3-1-.02(6)(b)1 and 391-3-1-.03(2)(c)]
- 4.2 The Permittee shall maintain an inventory of filter bags and cartridges such that an adequate supply of bags and cartridges is on hand to replace any defective bags and cartridges in the baghouses and bin vents.  
[391-3-1-.02(6)(b)1 and 391-3-1-.03(2)(c)]
- 4.3 The Permittee shall implement a Preventive Maintenance Program for the air pollution control equipment. At a minimum, the following operation and maintenance checks shall be made and a record of the findings and corrective actions taken shall be kept in a maintenance log:  
[391-3-1-.02(6)(b)1]
  - a. Record the pressure drop across the dryer baghouse and ensure that it is within the range determined to indicate compliance. This check shall occur at least once per operating day.
  - b. Check the baghouses for proper operation on a weekly basis.
    - i. For baghouses equipped with compressed air cleaning systems, check the system for proper operation. This may include checking for low pressure, leaks, proper lubrication, and proper operation of timer and valves.
    - ii. For baghouses equipped with reverse air cleaning systems, check the system for proper operation. This may include checking damper, bypass, and isolation valves for proper operation.
    - iii. For baghouses equipped with shaker cleaning systems, check the system for proper operation. This may include checking shaker mechanism for loose or worn bearings, drive components, mounting; proper operation of outlet/isolation valves; proper lubrication.
  - c. Check dust collector hoppers and conveying systems for proper operation, on a weekly basis.

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- d. For the lime silo and bin vent, if any, the Permittee shall assure that no visible emissions are exhausting from the silo or a bin vent each time it is being filled.

**5. Monitoring**

- 5.1 Any monitoring system installed by the Permittee shall be in continuous operation except during calibration checks, zero, and span adjustments or repair. Maintenance or repair shall be conducted in the most expedient manner to minimize the period during which the system is out of service.

[391-3-1-.02(6)(b)1]

- 5.2 The Permittee shall install, calibrate, operate, and maintain pressure drop and temperature indicators on the dryer baghouse.

[391-3-1-.02(6)(b)1]

- 5.3 The Permittee shall read and record dryer baghouse temperature at least once per operating day. A logbook containing these records shall be available for inspection and/or submittal to the Division.

[391-3-1-.02(6)(b)1 and 391-3-1-.03(2)(c)]

**6. Performance Testing**

- 6.1 The Permittee shall cause to be conducted a performance test at any specified emission point when so directed by the Division. The following provisions shall apply with regard to such tests:

- a. All tests shall be conducted and data reduced in accordance with applicable procedures and methods specified in the Division's Procedures for Testing and Monitoring Sources of Air Pollutants.

- b. All test results shall be submitted to the Division within sixty (60) days of the completion of testing.

- c. The Permittee shall provide the Division thirty (30) days prior written notice of the date of any performance test(s) to afford the Division the opportunity to witness and/or audit the test, and shall provide with the notification a test plan in accordance with Division guidelines.

- d. All monitoring systems and/or monitoring devices required by the Division shall be installed, calibrated and operational prior to conducting any performance test(s). For any performance test, the Permittee shall, using the monitoring systems and/or monitoring devices, acquire data during each performance test run. All monitoring system and/or monitoring device data acquired during the performance testing shall be submitted with the performance test results.

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6.2 In accordance with the provisions of 40 CFR 60.8, for any equipment constructed or modified at the facility, the Permittee shall conduct a performance test within 60 days after achieving the maximum production rate at which the equipment will be operated, but no later than 180 days after initial startup, unless the equipment is specifically exempt from testing in the applicable subpart of 40 CFR Part 60. The tests shall be conducted using the test methods and procedures as specified in the applicable subpart of 40 CFR Part 60.  
[40 CFR 60.8 and 40 CFR 60.675]

6.3 Should production rates increase above the rates at which the acceptable performance tests were made, the Division may require that the dryer be re-tested for compliance at a higher production rate.  
[391-3-1-.02(6)(b)1 and 391-3-1-.03(2)(c)]

6.4 The Permittee shall conduct subsequent performance testing to demonstrate compliance with the limits in Conditions 2.1 and 2.2 as follows.

a. The Permittee shall conduct PM and visible emission tests on the dryer baghouse at approximately 48 month intervals, not to exceed 49 months.

During the test, the Permittee shall determine and keep a record of the bag house pressure differential range and maximum baghouse temperature that indicates compliance with Conditions 2.1 and 2.2.

[391-3-1-.02(3) and 391-3-1-.03(2)(c)]

b. For any affected sources subject to 40 CFR 60 Subpart OOO that commence construction, modification, or reconstruction on or after April 22, 2008, the Permittee shall repeat performance tests according to 40 CFR 60.11 and 40 CFR 60.675 within 5 years from the previous performance test for fugitive emissions from affected sources without water sprays.

[Table 3 to 40 CFR 60 Subpart OOO]

**7. Notification, Reporting and Record Keeping Requirements**

7.1 The Permittee shall furnish the Division written notification as follows:  
[40 CFR 60.7(a)(3)]

a. The actual date of initial startup of the proposed equipment (the drum, baghouse, and crusher) of the asphalt plant within 15 days after such date.

b. Certification that a final inspection has shown that construction has been completed in accordance with the application, plans, specifications and supporting documents submitted in support of this Permit.

For purposes of this Permit, "startup" shall mean the setting in operation of a source for any purpose.

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- 7.2 The Permittee shall retain operational records on all fuel burning equipment for five years after the date and year of record. The records shall be available for inspection and/or submittal to the Division and contain:  
[391-3-1-.02(6)(b)1 and 391-3-1-.03(2)(c)]
- a. A log of the monthly total production of asphalt (in tons). The total asphalt production for the previous 11 consecutive months must be included in each month's log.
  - b. A log of the monthly total operation hours. The total operational hours for the previous 11 consecutive months must be included in each month's log.
  - c. A log of the monthly total usage of fuel oil. The total gallons of fuel oil used during the previous 11 consecutive months must be included in each month's log.
- 7.3 The Permittee shall maintain a file of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part recorded in a permanent form suitable for inspection. The file shall be retained for at least five years following the date of such measurements, maintenance, reports, and records.  
[391-3-1-.02(6)(b)1]
- 7.4 In addition to complying with the applicable General Provisions of 40 CFR 60 - "Standards of Performance for New Stationary Sources," the Permittee shall comply with the detailed notification, reporting, and recordkeeping requirements of 40 CFR 60 Subpart OOO, "Standards of Performance for Nonmetallic Mineral Processing Plants," for all subject equipment. In particular,
- a. The Permittee shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in Condition 2.2, including reports of opacity observations made using Method 9 (40 CFR 60, Appendix A-4) to demonstrate compliance with the provisions of Condition 2.2.  
[40 CFR 60.676(f)]
  - b. The Subpart A requirement under 40 CFR 60.7(a)(1) for notification of the date construction or reconstruction commenced is waived for affected facilities under this subpart.  
[40 CFR 60.676(h)]
  - c. A notification of the actual date of initial startup of each affected facility shall be submitted as follows:  
[40 CFR 60.676(i)]
    - i. For a combination of affected facilities in a production line that begin actual initial startup on the same day, a single notification of startup may be submitted by the

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Permittee to the Division. The notification shall be postmarked within 15 days after such date and shall include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available.

- ii. For portable aggregate processing plants, the notification of the actual date of initial startup shall include both the home office and the current address or location of the portable plant.
  
- d. The requirements of this condition remain in force until and unless the Agency, in delegating enforcement authority to a State under section 111(c) of the Act, approves reporting requirements or an alternative means of compliance surveillance adopted by such States. In that event, affected facilities within the State will be relieved of the obligation to comply with the reporting requirements of this section, provided that they comply with requirements established by the State.  
[40 CFR 60.676(j)]
  
- e. Notifications and reports required for demonstrating compliance need only to be sent to the Division.  
[40 CFR 60.676(k)]

**8. Modification**

- 8.1 The Permittee shall give written notification to the Division when there is any modification to this source. This notice shall be submitted sufficiently in advance of any critical date involved to allow sufficient time for review, discussion and revision of plans, if necessary. Such notice shall include, but not to be limited to, information describing the precise nature of the change, modifications to any emission control system, production capacity of the plant before and after the change; schedule for any required testing, an updated equipment list; and the anticipated completion date of the change.
  
- 8.2 The Permittee may make minor modifications and/or additions that are not addressed or prohibited by this Permit, which will automatically be covered by this permit, provided the following requirements are met:  
[391-3-1-.03(6) and 391-3-1-.03(10)(b)5(i) and 40 CFR 60.670(d)(1)]
  - a. The process is similar in function and has control system similar to permitted equipment already on site (e.g., storage bin with baghouse).
  
  - b. The change is otherwise exempt from State permit review requirements under Rule 391-3-1-.03(6).
  
  - c. When calculating particulate matter PTE (Potential To Emit), NSPS (New Source Performance Standard) grain loading emission limits and/or emission factors from AP-42 [The U. S. EPA AP-42 document "Compilation of Air Pollutants Emissions Factors," as revised,] should be used whenever possible. In no event may a control efficiency greater in value than estimated by AP-42 for similar equipment be used in calculating potential



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emissions. Any process or control equipment assumed when calculating PTE must be installed and operated in a manner consistent with good operating practices, and any requirements of this permit relating to the type of equipment used.

- d. All applicable NSPS requirements as well as any special conditions of this permit for Testing, Monitoring, Notification and Record Keeping are met.
  - e. For each such change, the Permittee's written notification shall be submitted well in advance, but not less than seven (7) days in advance, of such change and shall include a brief description of the change within the permitted facility, the date on which the change is proposed to occur, an updated equipment list, and calculations showing the combined particulate matter PTE increase for all cumulative modifications not covered by the existing permit reviewed by EPD. The Permittee shall maintain a copy of such notice at the facility and shall attach it to this Permit.
  - f. Any control system assumed in calculating the combined particulate matter PTE increase shall become the minimum required control system and shall become a requirement of this Permit.
- 8.3 The Permittee shall comply with the applicable provisions of 40 CFR 60 Subpart OOO for the affected sources when replacing existing equipment with a new piece of equipment of equal or smaller size that has the same function. The Permittee shall meet all applicable requirements including, but not limited to, NSPS requirements for testing, notifications, and reporting. Prior to the replacement of any equipment, the Permittee shall submit a written notification well in advance, but not less than seven (7) days in advance, which includes the following:  
[40 CFR 60.670(d) and 60.676(a), (h), and (i)]
- a. Identification of the equipment that will be replaced.

***Information about the original permitted equipment and the new equipment:***

- b. For a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station:
  - i. the rated capacity in tons per hour of the existing equipment being replaced and
  - ii. the rated capacity in tons per hour of the replacement equipment.
- c. For a screening operation:
  - i. the total surface area of the top screen of the existing screening operation being replaced and
  - ii. the total surface area of the top screen of the replacement screening operation.
- d. For a conveyor belt:

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- i. the width of the existing belt being replaced and
- ii. the width of the replacement conveyor belt.
- e. For a storage bin:
  - i. the rated capacity in tons of the existing storage bin being replaced and
  - ii. the rated capacity in tons of replacement storage bin.

**9. Special Conditions**

- 9.1 At any time that the Division determines that additional control of emissions from the facility may reasonably be needed to provide for the continued protection of public health, safety and welfare, the Division reserves the right to amend the provisions of this Permit pursuant to the Division's authority as established in the Georgia Air Quality Act and the rules adopted pursuant to that Act.
- 9.2 The Permittee shall calculate and pay an annual Permit fee to the Division. The amount of the fee shall be determined each year in accordance with the "Procedures for Calculating Air Permit Fees."  
[391-3-1-.03(9)]
- 9.3 The Permittee shall keep at the permitted facility, the originals or complete copies of this Air Quality Permit and any subsequent Amendments to it.  
[391-3-1-.03(2)(c)]
- 9.4 All Georgia Air Quality Permits previously issued to this facility, including Air Quality Permit No. 2951-117-0012-R-01-0, are hereby revoked in their entirety.