

**PERMIT AMENDMENT NO. 2051-139-0126-S-02-2**  
**ISSUANCE DATE:**



**GEORGIA**  
DEPARTMENT OF NATURAL RESOURCES

**ENVIRONMENTAL PROTECTION DIVISION**

**Air Quality – Permit Amendment**

In accordance with The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Rules, Chapter 391-3-1, adopted pursuant to or in effect under that Act, Permit No. 2051-139-0126-S-02-0 issued on February 17, 2014 to:

**Facility Name:** King's Hawaiian Bakery  
**Facility Address:** 5420 H.F. Reed Industrial Parkway  
Oakwood, Georgia 30542 (Hall County)  
**Mailing Address:** 5425 Aloha Way  
Oakwood, Georgia 30542  
**Facility AIRS Number:** 04-13-139-00126

for the following: The operation of a commercial bakery.

is hereby amended as follows: the addition of a new baking oven (ID No. OV05), four storage silos (ID Nos. Silo-A, Silo-B, Silo-C, and Silo-D) equipped with bin vent filters, a code dater (ID No. CD02), and various cleaners and sanitizers (ID No. CS02).

Reason for Amendment: Application No. 28659, dated November 28, 2022.

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

This Permit Amendment is hereby made a part of Permit No. 2051-139-0126-S-02-0 and compliance herewith is hereby ordered. Except as amended hereby, the above referenced Permit remains in full force and effect.



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Jeffrey W. Cown, Director  
Environmental Protection Division

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**2. Allowable Emissions**

**MODIFIED CONDITION:**

- 2.4 The Permittee shall not cause, let, suffer, permit, or allow any emissions from any fuel-burning equipment which:
- a. Contain fly ash and/or other particulate matter in amounts equal to or exceeding 0.5 pounds per million BTU heat input.  
[391-3-1-.02(2)(d)2.(i)]
  - d. Exhibit visible emissions, the opacity of which is equal to or greater than 20 percent except for one six-minute period per hour of not more than 27 percent opacity.  
[391-3-1-.02(2)(d)3.]

**6. Performance Testing**

**MODIFIED CONDITIONS:**

- 6.2 [Deleted]
- 6.3 The Permittee shall conduct volatile organic compound destruction efficiency performance tests on each catalytic oxidizer (ID Nos. TOX1 through TOX4) at a frequency of sixty (60) month intervals (not to exceed sixty-one months) between tests following the previous performance test.

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

**MODIFIED CONDITION:**

- 7.3 The Permittee shall use the monthly records required in Condition Nos. 7.1 and 7.2 to calculate and record the total monthly volatile organic compound emissions (in tons per month) from the ovens on a combined basis. These records (including calculations) shall be maintained as part of the monthly record suitable for inspection or submittal. VOC emissions shall be calculated using the following equation:

$$VOC_j = \left( \sum_{i=1}^n [(VOCE.F.x)_i \times (P)_i] \times [1 - (OCE_j \div 100)] + \left( \sum_{k=1}^q [VOCE.F.y]_k \times (P)_k \right) \right)$$

Where:

VOC<sub>j</sub> = Monthly VOC emissions from each bakery oven, j

(VOC E.F.x)<sub>i</sub>=VOC Emission Factor, i, in pounds of VOC emitted per ton of baked product for each product formulation, i for products that are produced while the VOC control equipment is in proper operation as defined in Condition 4.1

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- $(P)_i$  = Mass (in tons) of each product formulation  $i$  produced each calendar month that is processed while the VOC Control equipment is in proper operation
- $OCE_j$  = The overall VOC control efficiency for the oxidizer controlling the bakery oven  $j$ .  $OCE_j = DE_j * CE_j$ , where  $DE_j$  = VOC destruction efficiency of the control device and  $CE_j$  = the VOC capture efficiency of the control device for the bakery oven. The destruction efficiency will be based upon the most recent Division approved performance test. Capture efficiency is assumed to be 100%.
- $n$  = Number of yeast-leavened product formulations that are produced on a bakery oven when the oxidizers are operational.
- $q$  = Number of yeast-leavened product formulations that are produced on a bakery oven when the oxidizers are not operational or not in proper operation
- $(VOCE.F.y)$  = VOC Emission Factor,  $k$ , in pounds of VOC emitted per ton of baked product for each product formulation,  $k$  for products that are produced while the VOC control equipment is not in proper operation as defined in condition 4.1 or is not operating
- $(P)_k$  = Mass (in tons) of each production formulation  $k$  produced each calendar month that is processed while the VOC control equipment is not in proper operation or not operating.