



**Maryland**  
Department of  
the Environment

Wes Moore, Governor  
Aruna Miller, Lt. Governor

Serena McIlwain, Secretary  
Suzanne E. Dorsey, Deputy Secretary

Mr. George Streaker, Jr., Owner  
Streaker Construction, LLC  
13370 State Route 144  
West Friendship, MD 21794

JUL 31 2024

Dear Mr. Streaker:

Enclosed please find your Permit to Construct for the one (1) Miniquick Performance Firewood Kiln at Streaker Construction, LLC to be located at 13370 State Route 144, West Friendship, Maryland. The Permit contains both general conditions, which apply to all air quality permit holders in Maryland, and specific conditions, which apply to the firewood kiln that you have proposed to install.

If you have any questions regarding this Permit, please contact Janel Dutton of my staff at [janel.dutton1@maryland.gov](mailto:janel.dutton1@maryland.gov) or 410-537-3239.

Sincerely,

A handwritten signature in black ink, appearing to read 'Suna Yi Sariscak'.

Suna Yi Sariscak, Manager  
Air Quality Permits Program  
Air & Radiation Administration

SYS/jm

Enclosure

Wes Moore  
Governor

*State of*



Serena McIlwain  
*Maryland* Secretary

**DEPARTMENT OF THE ENVIRONMENT**

Air and Radiation Administration  
1800 Washington Boulevard, Suite 720  
Baltimore, MD 21230

Construction Permit

Operating Permit

PERMIT NO. 027-0727-6-0483

DATE ISSUED JUL 31 2024

PERMIT FEE \$1,300.00 (Paid)

EXPIRATION DATE In accordance with COMAR 26.11.02.04B

**LEGAL OWNER & ADDRESS**

Streaker Construction, LLC  
13370 State Route 144  
West Friendship, MD 21794  
Attn: Mr. George Streaker, Jr., Owner

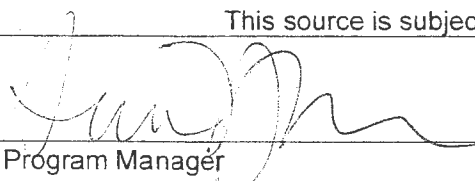
**SITE**

13370 State Route 144  
West Friendship, MD 21794  
AI # 172372  
Premises # 027-0727

**SOURCE DESCRIPTION**

Installation of one (1) MiniQuick Performance Firewood Kiln rated at less than 1 ton per hour at a wood drying facility.

This source is subject to the conditions described on the attached pages.

  
Program Manager

  
Director, Air and Radiation Administration

**STREAKER CONSTRUCTION, LLC  
PERMIT-TO-CONSTRUCT CONDITIONS  
PERMIT NO. 027-0727-6-0483**

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**Part A – General Provisions**

- (1) The following Air and Radiation Administration (ARA) permit-to-construct applications and supplemental information are incorporated into this permit by reference:
  - (a) Application for Processing or Manufacturing Equipment (Form 5) received March 14, 2024.
  - (b) Emission Point Data (Form 5EP) received March 14, 2024.
  - (c) Supplemental Information including vendor specifications and emissions test data received May 17, 2024.

If there are any conflicts between representations in this permit and representations in the applications, the representations in the permit shall govern. Estimates of dimensions, volumes, emissions rates, operating rates, feed rates and hours of operation included in the applications do not constitute enforceable numeric limits beyond the extent necessary for compliance with applicable requirements.

- (2) Upon presentation of credentials, representatives of the Maryland Department of the Environment (“MDE” or the “Department”) and the Howard County Health Department shall at any reasonable time be granted, without delay and without prior notification, access to the Permittee’s property and permitted to:
  - (a) inspect any construction authorized by this permit;
  - (b) sample, as necessary to determine compliance with requirements of this permit, any materials stored or processed on-site, any waste materials, and any discharge into the environment;
  - (c) inspect any monitoring equipment required by this permit;

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- (d) review and copy any records, including all documents required to be maintained by this permit, relevant to a determination of compliance with requirements of this permit; and
  - (e) obtain any photographic documentation or evidence necessary to determine compliance with the requirements of this permit.
- (3) The Permittee shall notify the Department prior to increasing quantities and/or changing the types of any materials referenced in the application or limited by this permit. If the Department determines that such increases or changes constitute a modification, the Permittee shall obtain a permit-to-construct prior to implementing the modification.
- (4) Nothing in this permit authorizes the violation of any rule or regulation or the creation of a nuisance or air pollution.
- (5) If any provision of this permit is declared by proper authority to be invalid, the remaining provisions of the permit shall remain in effect.

**Part B – Applicable Regulations**

- (1) This source is subject to all applicable federal air pollution control requirements.
- (2) This source is subject to all applicable federally enforceable State air pollution control requirements including, but not limited to, the following regulations:
- (a) COMAR 26.11.02.04B, which states that a permit to construct or an approval expires if, as determined by the Department:
    - (i) Substantial construction or modification is not commenced within 18 months after the date of issuance of the permit or approval, unless the Department specifies a longer period in the permit or approval;
    - (ii) Construction or modification is substantially discontinued for a period of 18 months after the construction or modification has commenced; or
    - (iii) The source for which the permit or approval was issued is not completed within a reasonable period after the date of issuance of the permit or approval.

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- (b) COMAR 26.11.02.09A, which requires that the Permittee obtain a permit-to-construct if an installation is to be modified in a manner that would cause changes in the quantity, nature, or characteristics of emissions from the installation as referenced in this permit.
  - (c) COMAR 26.11.06.02C(2), which prohibits visible emissions other than uncombined water.
  - (d) COMAR 26.11.06.03B(2), which limits the concentration of particulate matter in any exhaust gases to not more than 0.03 grains per standard cubic foot of dry exhaust gas.
  - (e) COMAR 26.11.06.06B(1)(b), which limits emissions of VOC to not more than 20 pounds per day unless VOC emissions are reduced by 85 percent or more overall.
- (3) This source is subject to all applicable State-only enforceable air pollution control requirements including, but not limited to, the following regulations:
- (a) COMAR 26.11.06.08 and 26.11.06.09, which generally prohibit the discharge of emissions beyond the property line in such a manner that a nuisance or air pollution is created.
  - (b) COMAR 26.11.15.05, which requires that the Permittee implement “Best Available Control Technology for Toxics” (T – BACT) to control emissions of toxic air pollutants.
  - (c) COMAR 26.11.15.06, which prohibits the discharge of toxic air pollutants to the extent that such emissions would unreasonably endanger human health.

**Part C – Construction and Operating Conditions**

- (1) Except as otherwise provided in this part, the wood drying system shall be constructed and operated in accordance with specifications included in the incorporated applications and any operating procedures recommended by equipment vendors unless the Permittee obtains from the Department written authorization for alternative operating procedures.
- (2) In accordance with COMAR 26.11.06.02C(2), there shall be no visible emissions other than uncombined water from the wood burning system.

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- (3) In accordance with COMAR 26.11.06.03B(2), particulate emissions generated from the wood burning system shall be less than 0.03 grains per standard cubic foot of dry exhaust gas.
- (4) In accordance with COMAR 26.11.06.06B(1)(b), emissions of VOC from the wood burning system shall be less than 20 pounds per day unless the VOC emissions are reduced by 85 percent or more overall.
- (5) The wood drying system shall be operated for a minimum of 36 hours per batch unless the Permittee can demonstrate, to the satisfaction of the Department, compliance with the requirements of COMAR 26.11.06.06B(1)(b) under alternate operating conditions.
- (6) The Permittee shall perform all maintenance recommended by the manufacturer to ensure that the wood burning system operates in accordance with the manufacturer's specifications.

**Part D – Record Keeping and Reporting**

The Permittee shall maintain for at least two (2) years, and shall make available to the Department upon request, records of the following information:

- (1) The quantity of wood processed in the wood drying system each month in chords per month.
- (2) Each batch time in hours per batch and the total number of hours the wood drying system is operated per month.
- (3) The type and quantity of fuel burned in the wood drying system.
- (4) All maintenance performed on the wood drying system to ensure the system operates in accordance with manufacturer specifications.