

NOTICE OF THE OPPORTUNITY FOR PUBLIC COMMENT

GEORGIA DEPARTMENT OF NATURAL RESOURCES ENVIRONMENTAL PROTECTION DIVISION AIR PROTECTION BRANCH

STATE OF GEORGIA

COUNTY OF WILKINSON

NOTICE OF PSD PRELIMINARY DETERMINATION, NOTICE OF MACT APPROVAL AND DRAFT
PART 70 OPERATING PERMIT MODIFICATION

To All Interested Parties:

The Georgia Environmental Protection Division (EPD) announces its intent to modify Part 70 Air Quality Operating Permit No. 3295-319-0029-V-02-0 issued to Carbo Ceramics, Inc. – Toombsboro Plant by the issuance of Prevention of Significant Deterioration (PSD) Permit Amendment No. 3295-319-0029-V-02-1. The facility is located at 1880 Dent Road, Toombsboro, Georgia. The facility operates a ceramic pellet manufacturing plant.

The primary purpose of this permit amendment is to allow physical modifications to add two kaolin clay process lines with two natural gas fired boilers, two stationary emergency diesel generators and associated materials handling, storage, packaging and shipping operations. As part of the modification, the company has also proposed for the existing facility and the new process units the Best Available Control Technology (BACT) under Prevention of Significant Deterioration (PSD) provision of the Federal New Source Review (NSR) rules, and the Case-by-Case Maximum Achievable Control Technology (MACT) under Section 112(g) of Clean Air Act Amendment of 1990. The Georgia Environmental Protection Division is preparing Title V Operating Permits in accordance with Title V of the Clean Air Act. This permit amendment will be enforceable by the Georgia EPD, the U.S. Environmental Protection Agency (EPA), and other persons as otherwise authorized by law.

The draft permit, PSD Preliminary Determination, Notice of MACT Approval and all information used to develop the draft permit are available for review. This includes the application and all other relevant materials available to the permitting authority. This information is available for review at the office of the Air Protection Branch, 4244 International Parkway, Atlanta Tradeport - Suite 120, Atlanta, Georgia 30354. A copy of the application will also be available for review at County Manager Office located at 100 Bacon Street, Irwinton, Wilkinson County, Georgia (Telephone: 478-946-2236), along with a copy of the draft permit, PSD Preliminary Determination and Notice of MACT Approval. Electronic files of the application, draft Title V permit, PSD Preliminary Determination and Notice of MACT Approval will be available through our internet site <http://www.georgiaair.org/airpermit/html/permits/psd/main.html>. (Please note that the Internet is generally accessible from most public libraries in Georgia and at the Air Protection Branch office listed above.)

If copies are desired, a copying machine for public use is provided by EPD at the Atlanta Air Protection Branch office. There will be a copying charge of \$0.25 per page. Copies will be made on a first-come, first-served basis. Files are available for review and copying 8:30 a.m. to 4:00 p.m., Monday – Friday, excluding holidays.

You are hereby notified of the opportunity to submit written public comments concerning the draft Part 70 Operating Permit Modification, the PSD Preliminary Determination and the Notice of MACT Approval concerning the modification. The Preliminary Determination is a summary of the technical review of the application and contains a copy of the Company's application along with supporting documents and the draft Permit Amendment. The Notice of MACT Approval is a summary of the technical review of a proposed case-by-case MACT determination included with the application, and attached to the Preliminary Determination as Appendix A. The draft permit serves as both a draft PSD permit and a draft Part 70 permit amendment. Persons wishing to comment on the draft Part 70 Operating Permit Modification, the PSD Preliminary Determination and the Notice of MACT Approval are invited to submit their comments, in writing, to EPD at the Atlanta address above, postmarked no later than 30 days after the date of publication in the newspaper. All comments postmarked on or prior to that date will be considered by the Division in making its final decision on the permit.

The Division has concluded that Carbo Ceramics' application should be approved and that a permit should be

granted. This conclusion is based upon evidence that the proposed project will comply with the Division's Rules and Regulations for Air Quality Control, Chapter 391-3-1; that the emissions from the source will not cause or add to a violation of any applicable National Ambient Air Quality Standard (NAAQS) or Prevention of Significant Deterioration (PSD) increment; and will comply with the Federal PSD regulations, 40 CFR 52.21, including the use of Best Available Control Technology (BACT) for regulated pollutants; and will comply with Section 112(g) of Clean Air Act Amendment of 1990, including the use of Maximum Achievable Control Technology (MACT) for regulated pollutants.

Net emission increases of volatile organic compounds (VOC) from the proposed project do not exceed the significant emission levels established by the PSD regulation. The net emission increases of carbon monoxide (CO), nitrogen oxides (NO_x), particulate matter (PM/PM₁₀) and sulfur dioxide (SO₂) from the proposed project exceed the significant emission levels established by the PSD regulation. Potential emissions of EPA listed hazardous air pollutants (HAPs) from this facility exceed the major source thresholds as defined by 40 CFR 63.41. The Division has determined that these emissions will not cause an adverse impact on ambient air quality, and the air quality levels should pose no significant health risk around the plant.

The PSD regulations allow specific maximum incremental increases in ambient concentrations of particulate matter (PM₁₀), sulfur dioxide (SO₂), and nitrogen oxides (NO₂). The EPD has determined that the maximum predicted impacts of these pollutants due to the proposed modification will consume 35.56 percent of the annual NO₂ PSD increment, 24.1 percent of the annual SO₂ PSD increment, 24.36 percent of the 24-hour SO₂ PSD increment, 18.29 percent of the 3-hour SO₂ PSD increment, 35.65 percent of the annual PM₁₀ PSD increment, and 94.03 percent of the 24-hour PM₁₀ PSD increment. Thus, EPD has concluded that the facility will not adversely affect the air quality (i.e., exceed the allowable incremental increases in ambient concentration of PM₁₀, SO₂, NO₂).

No Class I Area is located within 200 kilometers of Carbo Ceramics, Inc. - Toomsboro Plant. There is no requirement to conduct any increment modeling.

Any requests for a public hearing must be made in writing within the 30-day public comment period. Such requests should specify in detail the portion of the Air Quality Control Rules which the individual believes may not have been adequately reviewed. A public hearing may be held if the Director of the EPD finds that such a hearing would assist the EPD in a proper review of the facility's capability to comply with the requirements of Federal and State Air Quality Control regulations. State laws specify that a permit shall be issued on evidence satisfactory to the Director of compliance with applicable State and Federal regulations and requirements.

Following the 30 day public comment period, as required by PSD and Part 70 regulations, a proposed amendment, incorporating any changes that result from comments received during the public comment period, will be made available to U.S. EPA and affected states. In accordance with Part 70 regulations, EPA Region 4 has a 45-day period in which to review this proposed permit amendment. Information pertaining to U.S. EPA's review period can be found on their website at www.epa.gov/region4/air/permits.

After the comment period has expired, the EPD will consider all comments, make any necessary changes, and issue the Part 70 Operating Permit and a Final Determination. Copies of the final Title V Operating Permit, Final Determination, comments received, EPD's responses to comments, and any other relevant information will then be made available for public review during normal business hours at the office of the Air Protection Branch, as well as at the Internet addresses given above.

For additional information, contact Eric Cornwell, Program Manager, Stationary Source Permitting Program, at the Atlanta address, or by phone at 404/363-7000. Please refer to this notice when requesting information.