

NOTICE OF THE OPPORTUNITY FOR PUBLIC COMMENT

GEORGIA DEPARTMENT OF NATURAL RESOURCES ENVIRONMENTAL PROTECTION DIVISION AIR PROTECTION BRANCH

STATE OF GEORGIA

COUNTY OF RICHMOND

NOTICE OF PSD PRELIMINARY DETERMINATION AND DRAFT PART 70 OPERATING PERMIT

To All Interested Parties:

The Georgia Environmental Protection Division (EPD) announces its intent to modify Part 70 Air Quality Operating Permit No. 2869-245-0003-V-04-3 issued to DSM Chemicals North America, Inc. (DCNA) by the issuance of Prevention of Significant Deterioration (PSD) Permit Amendment No. 2869-245-0003-V-04-3. The facility is located at 1 Columbia Nitrogen Road, Augusta, Georgia 30901. The facility operates a chemical manufacturing plant.

The primary purpose of this permit amendment is to allow for plant modifications to improve the plant's reliability which may increase the plant's production capacity. As part of this plant modification the facility will add the following equipment: (1) an 11.6 MMBtu/hr hot oil furnace to be fired exclusively with natural gas; (2) an ammonia combustor; and (3) a new confidential process line.

The ammonia combustor will be equipped with non-selective catalytic reduction to minimize emissions of nitrogen oxides (NO_x) and greenhouse gases (GHG expressed as CO₂e).

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, 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 may also be available for review at the Augusta-Richmond Library located at 823 Telfair Street, Augusta, Georgia 30901 (Telephone Number: 706-821-2600), along with a copy of the draft permit and PSD Preliminary Determination. Electronic files of the application, draft Title V permit, PSD Preliminary Determination 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.)

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 \$0.10 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 and the Preliminary Determination 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 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 and Preliminary Determination 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 DCNA's 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.

Net emission increases of sulfur dioxide, sulfuric acid emissions, volatile organic compounds, particulate matter, particulate matter less than 10 microns, particulate matter less than 2.5 microns, carbon monoxide, lead, total reduced sulfur, and sulfuric acid mist, and hydrogen fluorides from the proposed project do not exceed the significant emission levels established by the PSD regulation. The net emission increases of nitrogen oxides (NO_x) and greenhouse gases (GHGs) from the proposed project exceed the significant emission levels established by the PSD regulation. 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 project was evaluated for nitrogen oxides (NO₂) as that is the only regulated NSR pollutant that has triggered NSR review and for which an ambient impact analysis is required. The project impacts versus the Class II area significance levels showed that the project's predicted maximum ground level concentration will not exceed the applicable significant impact levels for NO₂ (1-hour and annual). The EPD has determined that the maximum predicted impacts of these pollutants due to the proposed modification will consume 28.8 percent of the annual NO₂ 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 NO₂).

With regard to the applicable Class I Areas (Cape Roman Wilderness Area, Cohutta Wilderness Area, Great Smokey Mountains National Park, Joyce Kilmer-Slickrock Wilderness Area, Linville Gorge Wilderness Area, Okefenokee Wilderness Area, Shining Rock Wilderness Area, Wolf Island Wilderness Area), the EPD has determined that the allowable NO₂ emissions from the facility will consume at the most 0.34 percent (on an annual average) of the PSD Class I increments. With this in mind, EPD has concluded that the facility will not adversely affect the air quality (i.e., exceed the allowable Class II and Class I incremental increase in ambient concentrations of NO₂).

You are also hereby notified that a public meeting and hearing will be held on July 23, 2013 at 6:30pm, located at the following address:

W.S. Hornsby School
310 Kentucky Avenue
Augusta, GA 30901

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.