TECHNICAL EVALUATION
&
PRELIMINARY DETERMINATION

APPLICANT

Martin Marietta Materials, Inc.
3019 Riverwatch Parkway
Augusta, Georgia 30907

Port Canaveral Terminal

Facility ID No. 0090205

PROJECT

Project No. 0090205-005-AO
Application for Minor Source Air Operation Permit
Project Name: Permit Renewal

COUNTY

Brevard, Florida

PERMITTING AUTHORITY

Florida Department of Environmental Protection
Air Resource Management
Central District Office
3319 Maguire Blvd., Ste. 232, Orlando, FL 32803-3767

July 12, 2012

Prepared by Stephen Amirault

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

GENERAL PROJECT INFORMATION

Air Pollution Regulations

Projects at stationary sources with the potential to emit air pollution are subject to the applicable environmental laws specified in Section 403 of the Florida Statutes (F.S.). The statutes authorize the Department of Environmental Protection (Department) to establish regulations regarding air quality as part of the Florida Administrative Code (F.A.C.), which includes the following applicable chapters: 62-4 (Permits); 62-204 (Air Pollution Control – General Provisions); 62-210 (Stationary Sources – General Requirements); 62-212 (Stationary Sources – Preconstruction Review); 62-213 (Operation Permits for Major Sources of Air Pollution); 62-296 (Stationary Sources - Emission Standards); and 62-297 (Stationary Sources – Emissions Monitoring). Specifically, air construction permits are required pursuant to Rules 62-4, 62-210 and 62-212, F.A.C.

In addition, the U. S. Environmental Protection Agency (EPA) establishes air quality regulations in Title 40 of the Code of Federal Regulations (CFR). Part 60 specifies New Source Performance Standards (NSPS) for numerous industrial categories. Part 61 specifies National Emission Standards for Hazardous Air Pollutants (NESHAP) based on specific pollutants. Part 63 specifies NESHAP based on the Maximum Achievable Control Technology (MACT) for numerous industrial categories. The Department adopts these federal regulations on a quarterly basis in Rule 62-204.800, F.A.C.

Glossary of Common Terms

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of this permit.

I. <u>Project Description:</u>

A. Applicant:

Mr. Tony DiRico, President, Southern Division
Martin Marietta Materials, Inc.
3019 Riverwatch Parkway
Augusta, Georgia 30907

B. Professional Engineer:

Mr. Lynn Robinson, P.E.
Southern Environmental Sciences, Inc.

1204 North Wheeler Street
Plant City, Florida, 33563

C. Project Location:

8980 Discovery Road
Cape Canaveral, Florida 32920

D. Project Summary:

The purpose of this project is to renew air operation permit no 0090205-003-AO, as further described in the permit.

E. Application Information:

Application Received on: May 31, 2012
Application Complete: June 30, 2012

II. PSD Applicability for Project

As provided in the application, total project emissions will not exceed the PSD significant emissions rates; therefore, the project is not subject to PSD preconstruction review.

III. Rule Applicability

This project is subject to the preconstruction review requirements of Chapter 403, Florida Statutes and Chapters 62-204 through 62-297, Florida Administrative Code (F.A.C.), as indicated below.

Subject to:	Y/N	Comments
Rule 62-210.300, F.A.C. – Stationary Source General Requirements	Y	Not exempt from general permitting requirements
Rule 62-212.400, F.A.C. - Prevention of Significant Deterioration	N	Facility is not a PSD major
Rule 62-296.320(4), F.A.C. - General Particulate Emission Limiting Standards	Y	Aggregate handling operations could be a source of unconfined particulate matter emissions
Rule 62-297.310, F.A.C. - General Compliance Test Requirements, F.A.C.	Y	VE or PM testing is required for EU No. 001

(3) If you evaluated whether a potential federal rule or state rule applies to this project , and determined the rule is not applicable, include your conclusion and the rationale in this analysis

IV. Summary of Emissions

Pollutant	EU No. and brief description	Potential Emissions	Allowable Emissions
PM	Total		Reasonable precautions of unconfined PM emissions
VE	001		Less than 20% opacity

V. Federal NSPS and/or NESHAP Provisions

A. There are no NSPS or NESHAP Provisions

VI. Conclusions

The emission limits proposed by the applicant will meet all of the requirements of Chapters 62-204 through 297, F.A.C.

The General and Specific Conditions listed in the proposed permit (attached) will assure compliance with all the applicable requirements of Chapters 62-204 through 297, F.A.C.

VII. Preliminary Determination

The Department makes a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations as conditioned by the draft permit. This determination is based on a technical review of the complete application, reasonable assurances provided by the applicant, and the conditions specified in the draft permit. Additional details of this analysis may be obtained by contacting the project engineer at the Florida Department of Environmental Protection Air Resource Management, Central District, 3319 Maguire Blvd., Ste. 232, Orlando, FL 32803-3767.

Pursuant to Section 403.087, Florida Statutes and Section 62-4.070, Florida Administrative Code, the Department hereby gives notice of its intent to issue a permit to construct the aforementioned air pollution source in accordance with the draft permit and its conditions as stipulated (see attached).