

Cascio, Tom

To: Felton-Smith, Rita
Subject: LAFARGE TITLE V PERMIT

Hi Rita -- Scott asked me to review this pre-draft -- here are a few things I caught:

1. I'd make sure all emissions unit descriptions are consistent throughout the permit.
2. The Tables (1-1 and 2-1) appear to be incomplete.
3. I believe that you are using an older version of specific conditions 4 and 10 in the Facility-wide Section -- also No. 1 should refer to TV-3.
4. Table 1-1 is labeled PROPOSED not DRAFT.
5. I'd add a little more info in the facility description paragraph.

Hope this helps -- Tom.

*Tom Cascio, D.B.A.
Engineer IV
Title V Section
Division of Air Resource Management
State of Florida Department of Environmental Protection
850-921-9526*

Events Scheduled

8 of 90

AIRS ID: 1070039 Site Name: LAFARGE NORTH AMERICA, INC.
 Permit #: 1070039-003-AV Type/Subtype: AV / 01 Received: 11/06/2001
 Project #: 003 Project Name: (TITLE V)

> Initial Completeness Review: Complete

Event	Begin Date	Period	Due Date	Rmn	Status	End Date
Receive Request	11/06/2001	1	11/07/2001		Done	11/06/2001
Initial Completeness Review	11/06/2001	60	01/05/2002		Complete	01/03/2002
Determine Agency Action	11/06/2001	90	02/04/2002		Issue	01/28/2002
Draft Permit	01/28/2002	1	01/29/2002		Issue	01/28/2002
STOP CLOCK	01/28/2002	1	01/29/2002		Done	01/28/2002
Date of Publication	01/28/2002	999	10/23/2004		Published	02/25/2002
Public Comment Period	02/25/2002	30	03/27/2002		Done	03/27/2002
Proposed Permit	03/27/2002	1	03/28/2002		Issue	03/28/2002
EPA Review	03/28/2002	55	05/22/2002		Comments Resolve	05/20/2002
Final Permit	05/20/2002	1	05/21/2002		Issued	05/22/2002
ISSUE PERMIT	05/22/2002	1	05/23/2002		Issued	05/22/2002

STATEMENT OF BASIS

Lafarge North America, Inc.
 Palatka Plant
Facility ID No.: 1070039
 Putnam County

Talk to [unclear] to [unclear] incomplete
Talk to [unclear] like proposal.

Initial Title V Air Operation Permit
DRAFT Permit No.: 1070039-003-AV

This Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

The currently permitted Lafarge North America, Inc. is a Synthetic gypsum and Wallboard forming facility

Summary of Emissions Unit ID Number(s) and Brief Description(s).

E.U.	Description	Emission Point	Description
001	FGD Surge Bin (40-ton Bin)	EP-001	FGD Surge Bin Filter
002	Cage Mill Dryer System	EP-002	Dust Collector
003	Imp Mill Feed Silo A (170-ton Bin) Imp Mill Feed Silo B (170-ton Bin)		
004	Imp Mill Flash Calciner Systems A Imp Mill Flash Calciner Systems B	EP-004A	Dust Collector
		EP-004B	Dust Collector
005	Ambient Air Flash Cooling System Ambient Air Flash Cooling System	EP-005A	System A Collector
		EP-005B	System B Collector
006	Stucco Silo A (600-ton Bin) Stucco Silo B (600-ton Bin)	EP-006A	Silo A Filter
		EP-006B	Silo A Filter
007	Starch Silo	EP-007	Starch Silo Vent Filter
008	Sawing Systems/Dunnage Machines	EP016	End Trim Dust Collector
009	Norba Grinder and Hammermill System	EP-009	Norba Dust Collector
010	Belt Conveyors and Bucket Elevators.	Fugitive	None
011	Emergency Live Bottom Feed Hopper.	Fugitive	None
013	Wallboard Dryer (4 Natural Gas Burners)	EP-013A	None
		EP-013B	None
014	Ball Mills	EP014	BMA Dust Collector
016	Landplaster Bin	EP016	Dust Collector
017	Additives System and Pin Mixer	EP017	Nuisance Dust Collector

Based on the initial Title V permit application received November 9, 2001, this facility is a major source of Particulate Matter, PM₁₀.

Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities.

This facility is subject to 40 CFR 60, Subparts A and 000 (Standards of Performance for New Stationary Sources –General Provisions and Standards of Performance for Nonmetallic Mineral processing Plants).

This facility is also subject to 40 CFR 60 Subpart UUU (Standards of Performance for Calciners and Dryers).

[1070039.sob]

Lafarge North America, Inc.
Palatka Plant
Facility ID No.: 1070039
Putnam County

Initial Title V Air Operation Permit
DRAFT Permit No.: 1070039-003-AV

Permitting Authority:
Florida Department of Environmental Protection
Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32056-7590
Telephone: 904-807-3233
Fax: 904-448-4363

Initial Title V Air Operation Permit
DRAFT Permit No.: 1070039-003-AV

Table of Contents

Section	Page Number
Placard Page	1
I. Facility Information	[2-3]
A. Facility Description.	
B. Summary of Emissions Unit ID No(s). and Brief Description(s).	
C. Relevant Documents.	
II. Facility-wide Conditions	[4-5]
III. Emissions Unit(s) and Conditions	
A. FGD Surge Bin (40-ton).....	[6-7]
Imp Mill Feed Silo A	
Imp Mill Feed Silo B	
Imp Mill Flash Calciner System A	
Imp Mill Flash Calciner System B	
Stucco Silo A	
Stucco Silo B	
Norba Grinder and Hammer Mill System	
Belt Conveyors and Bucket Elevators	
Emergency Live Bottom Feed Hopper	
Ball Mills	
Landplaster Bin	
B. Cage Mill Dryer System	8
C. Air Cooling System A.....	[9-10]
Air Cooling System B	
Starch Silo	
Sawing Systems/Dunnage Machines	
Wallboard Dryer (4 Natural Gas Burners)	
Additives System and Pin Mixer	
D. Common Conditions.....	[11-17]

Permittee:
Lafarge North America, Inc.
Palatka Plant

DRAFT Permit No.: 1070039-003-AV
Facility ID No.: 1070039
SIC Nos.: 32, 3275
Project: Initial Title V Air Operation Permit

This permit is for the operation of a synthetic wallboard forming facility. This facility is located at 886 North, Highway 17, Palatka, Putnam County; UTM Coordinates: Zone 17, 438.00 km East and 3290.00 km North; Latitude: 29°44'25" North and Longitude: 81°38'28" West.

STATEMENT OF BASIS: This Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-212, 62-210, and 62-213. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:

Appendix U-1, List of Unregulated Emissions Units and/or Activities
APPENDIX TV-3, TITLE V CONDITIONS (version dated 04/30/1999)

ok

Effective Date: [Month day, year]
Renewal Application Due Date: [Month day, year]
Expiration Date: [Month day, year]

[PERMITTING AUTHORITY]

Christopher L. Kirts. P.E.
District Air Program Administrator

CLK:KAA

Section I. Facility Information.

Subsection A. Facility Description.

This facility is a fully integrated synthetic wallboard forming facility that consists of major activities areas such as: Raw material storage/processing, Cage Mill Dryer system and Wallboard processing.

Also included in this permit are miscellaneous unregulated emissions units and/or activities.

Based on the Title V permit application received 11-01-2001, this facility is not a major source of hazardous air pollutants (HAPs).

Subsection B. Summary of Emissions Unit ID No(s). and Brief Description(s).

<u>E.U.</u>	<u>Description</u>	<u>Emission Point</u>	<u>Description</u>
001	FGD Surge Bin (40-ton Bin)	EP-001	FGD Surge Bin Filter
002	Cage Mill Dryer System	EP-002	Dust Collector
003	Imp Mill Feed Silo A (170-ton Bin) Imp Mill Feed Silo B (170-ton Bin)		
004	Imp Mill Flash Calciner Systems A Imp Mill Flash Calciner Systems B	EP-004A	Dust Collector
		EP-004B	Dust Collector
005	Ambient Air Flash Cooling System Ambient Air Flash Cooling System	EP-005A	System A Collector
		EP-005B	System B Collector
006	Stucco Silo A (600-ton Bin) Stucco Silo B (600-ton Bin)	EP-006A	Silo A Filter
		EP-006B	Silo A Filter
007	Starch Silo	EP-007	Starch Silo Vent Filter
008	Sawing Systems/Dunnage Machines	EP016	End Trim Dust Collector
009	Norba Grinder and Hammermill System	EP-009	Norba Dust Collector
010	Belt Conveyors and Bucket Elevators.	Fugitive	None
011	Emergency Live Bottom Feed Hopper.	Fugitive	None
013	Wallboard Dryer (4 Natural Gas Burners)	EP-013A	None
		EP-013B	None
014	Ball Mills	EP014	BMA Dust Collector
016	Landplaster Bin	EP016	Dust Collector
017	Additives System and Pin Mixer	EP017	Nuisance Dust Collector

Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

These documents are provided to the permittee for information purposes only:

Table 1-1, Summary of Air Pollutant Standards and Terms
Table 2-1, Summary of Compliance Requirements
Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers
Appendix H-1, Permit History/ID Number Changes

These documents are on file with permitting authority:

Initial Title V Permit Application received 11-01-2001

Section II. Facility-wide Conditions.

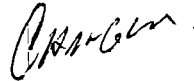
The following conditions apply facility-wide:

- TV-3
1. APPENDIX TV-1, TITLE V CONDITIONS, is a part of this permit.
{Permitting note: APPENDIX TV-1, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.}
 2. [Not federally enforceable.] General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.
[Rule 62-296.320(2), F.A.C.]
 3. [Not federally enforceable.] General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.
[Rules 62-296.320(4)(b)1. & 4., F.A.C.]
 4. Prevention of Accidental Releases (Section 112(r) of CAA). If required by 40 CFR 68, the permittee shall submit to the implementing agency:
 - a. a risk management plan (RMP) when, and if, such requirement becomes applicable; and
 - b. certification forms and/or RMPs according to the promulgated rule schedule.[40 CFR 68] Louis
 5. Unregulated Emissions Units and/or Activities. Appendix U-1, List of Unregulated Emissions Units and/or Activities, is a part of this permit.
[Rules 62-213.440(1), 62-213.430(6), and 62-4.040(1)(b), F.A.C.]
 6. Insignificant Emissions Units and/or Activities. Appendix I-1, List of Insignificant Emissions Units and/or Activities, is a part of this permit.
[Rules 62-213.440(1), 62-213.430(6), and 62-4.040(1)(b), F.A.C.]
 7. [Not federally enforceable.] Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include but are not limited to, the application of wetting agents to the coal stockpile, as needed, the use of enclosed, covered, and semi-enclosed conveyors as needed, and maintaining paved parking areas, reduced speed for vehicular traffic, and the implementation of good housekeeping practices.
 8. When appropriate, any recording, monitoring or reporting requirements that are time-specific shall be in accordance with the effective date of this permit, which is day one.
[Rule 62-213.440, F.A.C.]

9. The permittee shall submit all compliance related notifications and reports required of this permit to the Department's Northeast District Office:
Florida Department of Environmental Protection
Northeast District Office
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256
Telephone: 904/807-3200
Fax: 904/448-4366

10. Any reports, data, notifications, certifications and requests required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency
Region 4
~~Air, Pesticides & Toxics Management Division~~
~~Operating Permits Section~~
~~61 Forsyth Street~~
~~Atlanta, Georgia 30303~~



Telephone: 404/562-9099
Fax: 404/562-9095

11. Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3)(a)2., F.A.C., shall be submitted within 60 (sixty) days after the end of the calendar year using DEP Form No. 62-213.900(7), F.A.C.

[Rules 62-213.440(3) and 62-213.900, F.A.C.]

Section III. Emissions Unit(s) and Conditions.

Subsection [A]. This section addresses the following emissions unit(s).

<u>EU</u>	<u>Brief Description</u>	<u>Emission Point</u>
001	FGD Surge Bin (40-ton)	EP 001 - Indoor
003	Imp Mill Feed Silo A	EP 002
	Imp Mill Feed Silo B	
004	Imp Mill Flash Calciner System A	EP 004A
	Imp Mill Flash Calciner System B	EP 004B
009	Norba Grinder and Hammer Mill System	EP 009 - Indoor
010	Belt Conveyors and Bucket Elevators	Fugitive
011	Emergency Live Bottom Feed Hopper	Fugitive
014	Ball Mills	EP 014 - Indoor
016	Landplaster Bin	EP 016 - Indoor

The following emission units are subject to NSPS requirements/standards in 40 CFR Subpart 000 and 40 CFR 60.7 through 40 CFR 60.11 (Subpart A).

The following specific conditions apply to the emissions unit(s) listed above:

Operational Parameters

A.1. Permitted Capacity.

<u>EU</u>	<u>Brief Description</u>	<u>Capacity</u>
001	FGD Surge Bin	40 tons
003	Imp Mill Feed Silo A	170 tons each
	Imp Mill Feed Silo B	
004	Imp Mill Flash Calciner System A	55 tons/hr, 40 mmBtu/hr
	Imp Mill Flash Calciner System B	55 tons/hr, 40 mmBtu/hr
009	Norba Grinder and Hammer Mill System	20 tons/hr
010	Belt Conveyors and Bucket Elevators	N/A
011	Emergency Live Bottom Feed Hopper	25 tons
014	Ball Mills	N/A
016	Landplaster Bin	N/A

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

A.2. Hours of Operation. The emission unit is allowed to operate continuously, i.e. 8760 hrs/yr.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards

{Permitting note: Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

A.3. The permitted maximum allowable emission rate for each pollutant is as follows:

POLLUTANT	E.P.	STANDARD/LIMIT	EQUIVALENT RATE	RULE
PARTICULATE MATTER	EP 001	0.02 gr/dscf (0.05 g/dscm)	0.05 lbs/hr, 0.23 TPY	40 CFR 60.672(a) 40 CFR 60.672(e)
	EP 002	0.02 gr/dscf (0.05 g/dscm)	11.14 lbs/hr, 48.81 TPY	
	EP 004A/B	0.02 gr/dscf (0.05 g/dscm)	2.23 lbs/hr, 9.76 TPY (each)	
	EP 009	0.02 gr/dscf (0.05 g/dscm)	3.6 lbs/hr, 15.77 TPY	
	EP 014	0.02 gr/dscf (0.05 g/dscm)	0.19 lbs/hr, 0.83 TPY	
	EP 016	0.02 gr/dscf (0.05 g/dscm)	4.11 lbs/hr, 18.02 TPY	
VISIBLE EMISSIONS	EP 001	7% Opacity and 10% Fugitive		40 CFR 60.672(a)&(b) 40 CFR 60.672(e)
	EP 002	7% Opacity and 10% Fugitive		
	EP 004A/B	7% Opacity and 10% Fugitive		
	EP 009	7% Opacity and 10% Fugitive		
	EP 014	7% Opacity and 10% Fugitive		
	EP 016	7% Opacity and 10% Fugitive		

Test Methods and Procedures

{Permitting note: Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

A.4.

POLLUTANT	Emission Point	METHOD	RULE
PARTICULATE MATTER	EP 002, EP 004A/B	EPA 5	40 CFR 60.675(b)
VISIBLE EMISSIONS	EP 002, EP 004A/B,	EPA 9	40 CFR 60.675(b)
	EP 001, EP 009, EP 014, EP 016	EPA 22	40 CFR 60.675(d)

A.5. These emissions units are also subject to conditions **D.1** through **D.10**.

Subsection [B] This section addresses the following emissions unit(s).

<u>EU</u>	<u>Brief Description</u>	<u>Emission Point</u>
002	Cage Mill Dryer System – Bag Filter	EP 002

This emission unit is subject to NSPS requirements/standards in 40 CFR Subpart UUU and 40 CFR 60.7 through 40 CFR 60.11 (Subpart A).

The following specific conditions apply to the emissions unit(s) listed above:

Operational Parameters

B.1. Permitted Capacity. The operation rate shall not exceed 50 mmBtu/hr.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

B.2. Hours of Operation. The emission unit is allowed to operate continuously, i.e. 8760 hrs/yr.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards

{Permitting note: Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

B.3. The permitted maximum allowable emission rate for each pollutant is as follows:

POLLUTANT	STANDARD	EQUIVALENT	RULE
PATICULATE MATTER	0.057 g/dscm (0.025 gr/dscf)	11.14 lbs/hr, 48.81 tpy	40 CFR 60.732(a)
VISIBLE EMISSIONS	10% Opacity		40 CFR 60.732(b)

Test Methods and Procedures

{Permitting note: Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

B.4.

POLLUTANT	METHOD	RULE
PARTICULATE MATTER	EPA 5	40 CFR 60.736(b)
VISIBLE EMISSIONS	EPA 9	40 CFR 60.736(b)

Continuous Monitoring Requirements

B.5. Install, calibrate, maintain, and operate a continuous monitoring system to measure and record the opacity of the emissions discharged into the atmosphere from the control device.
[40 CFR 60.734(a)]

B.6. These emissions units are also subject to conditions **D.1** through **D.10**.

Subsection [C] This section addresses the following emissions unit(s).

EU	Brief Description	Emission Point
005	Air Cooling System A	EP 005A
	Air Cooling System B	EP 005B
006	Stucco Silo A	EP 006A - Indoor
	Stucco Silo B	EP 006B - Indoor
007	Starch Silo	EP 007 - Indoor
008	Sawing Systems/Dunnage Machines	EP 016 - Indoor
013	Wallboard Dryer (4 Natural Gas Burners)	EP 013A
		EP 013B
017	Additives System and Pin Mixer	EP 017 - Indoor

The following specific conditions apply to the emissions unit(s) listed above:

Operational Parameters

C.1. Permitted Capacity.

EU	Brief Description	Capacity
005	Air Cooling System A	20 tons/hr
	Air Cooling System B	20 tons/hr
006	Stucco Silo A	690 tons
	Stucco Silo B	690 tons
007	Starch Silo	5270 cubic feet
008	Sawing Systems/Dunnage Machines	N/A
013	Wallboard Dryer (4 Natural Gas Burners)	186 mmBtu/hr,
017	Additives System and Pin Mixer	N/A

C.2. Hours of Operation. The emission unit is allowed to operate continuously, i.e. 8760 hrs/yr.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards

{Permitting note: Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

C.3. The permitted maximum allowable emission rate for each pollutant is as follows:

POLLUTANT		STANDARD	EQUIVALENT	RULE
PARTICULATE MATTER	EP 005A/B	0.02 gr/dscf	8.23 lbs/hr, 36.04 tpy (each)	Note (1)
VISIBLE EMISSIONS	EP 007 EP 016, EP006A/B	5% Opacity		62-297.620(4)
	EP 005A/B EP 013A/B EP 017	20% Opacity		62-296.320(4)(b)

Note(1): Limit requested by the facility to escape PSD review.

Test Methods and Procedures

{Permitting note: Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

C.4.

POLLUTANT	E.U.	METHOD	RULE
VOC	EP 017	Recordkeeping	62-210.370(3)1
VISIBLE EMISSIONS	EP 005A/B, EP 013A/B	EPA 9	62-296.320(4)(b)
	EP 007, EP 016, EP 017, EP006A/B	NOTE (2)	
PARTICULATE MATTER	EP 005A/B	EPA 5	NOTE(1)

Note (1): Test required due to the requested Particulate Matter maximum allowable emission rate to escape PSD review.

Note (2): Test requirement waived because emissions units indoors.

C.5. These emissions units are also subject to conditions **D.1** through **D.10**.

Subsection D. Common Conditions.

<u>E.U.</u>	<u>Description</u>
001	FGD Surge Bin (40-ton Bin)
002	Cage Mill Dryer System
003	Imp Mill Feed Silo A (170-ton Bin) Imp Mill Feed Silo B (170-ton Bin)
004	Imp Mill Flash Calciner Systems A Imp Mill Flash Calciner Systems B
005	Ambient Air Flash Cooling System Ambient Air Flash Cooling System
006	Stucco Silo A (600-ton Bin) Stucco Silo B (600-ton Bin)
007	Starch Silo
008	Sawing Systems/Dunnage Machines
009	Norba Grinder and Hammermill System
010	Belt Conveyors and Bucket Elevators.
011	Emergency Live Bottom Feed Hopper.
013	Wallboard Dryer (4 Natural Gas Burners)
014	Ball Mills
016	Landplaster Bin
017	Additives System and Pin Mixer

*USDP/MS
Silo A
at
Com 15/20/05
MTC/1000
MTC/11*

The following conditions apply to the emissions unit(s) listed above:

Test Methods and Procedures

{Permitting note: Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

D.1. Frequency of Compliance Tests. The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

(a) General Compliance Testing.

1. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:

- a. Did not operate; or
- b. In the case of a fuel burning emissions unit, burned liquid and/or solid fuel for a total of no more than 400 hours.

2. During each federal fiscal year (October 1 -- September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:

- a. Visible emissions, if there is an applicable standard;

3. The owner or operator shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.

(b) Special Compliance Tests. When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.
[Rule 62-297.310(7), F.A.C.]

D.2. Operating Rate During Testing. Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emissions unit operating at permitted capacity as defined below. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.

(b) All Other Sources. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit.
[Rules 62-297.310(2) and 62-297.310(2)(b), F.A.C.]

D.3. Applicable Test Procedures.

(a) Required Sampling Time.

1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling port shall be of equal intervals of at least two minutes.

2. Opacity Compliance Tests. When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:

a. For batch, cyclical processes, or other operations which are normally completed within less than the minimum observation period and do not recur within that time, the period of observation shall be equal to the duration of the batch cycle or operation completion time.

b. The observation period for special opacity tests that are conducted to provide data to establish a surrogate standard pursuant to Rule 62-297.310(5)(k), F.A.C., Waiver of Compliance Test Requirements, shall be established as necessary to properly establish the relationship between a proposed surrogate standard and an existing mass emission limiting standard.

c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

[Rule 62-297.310(4)(a)2., F.A.C.]

D.4. Determination of Process Variables.

(a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.

(b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.
[Rule 62-297.310(5), F.A.C.]

Excess Emissions

D.5. Excess emissions resulting from startup, shutdown or malfunction of any emissions unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.
[Rule 62-210.700(1), F.A.C.]

D.6. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown or malfunction shall be prohibited. [Rule 62-210.700(4), F.A.C.]

Recordkeeping and Reporting Requirements

D.7. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the RESD Air Program immediately in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.
[Rule 62-210.700(6), F.A.C.]

D.8. Test Reports.

(a) The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test.

(b) The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.

(c) The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA or DEP Method 9 test, shall provide the following information:

1. The type, location, and designation of the emissions unit tested.
2. The facility at which the emissions unit is located.
3. The owner or operator of the emissions unit.
4. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
5. The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard
6. The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
7. A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
8. The date, starting time and duration of each sampling run.
9. The test procedures used, including any alternative procedures authorized pursuant to Rule 62-297.620, F.A.C. Where optional procedures are authorized in this chapter, indicate which option was used.
10. The number of points sampled and configuration and location of the sampling plane.

11. For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
12. The type, manufacturer and configuration of the sampling equipment used.
13. Data related to the required calibration of the test equipment.
14. Data on the identification, processing and weights of all filters used.
15. Data on the types and amounts of any chemical solutions used.
16. Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.
17. The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
18. All measured and calculated data required to be determined by each applicable test procedure for each run.
19. The detailed calculations for one run that relate the collected data to the calculated emission rate.
20. The applicable emission standard, and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.
21. A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and correct. When a compliance test is conducted for the Department or its agent, the person who conducts the test shall provide the certification with respect to the test procedures used. The owner or his authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his knowledge.
[Rule 62-297.310(8), F.A.C.]

D.9. The permittee shall comply with the quarterly reporting requirements of Rule 62-296.404(6) for TRS emissions

D. 10. Periodic Monitoring

62-213.440 Permit Content.

- (1) Standard Permit Requirements. Each permit issued under this chapter shall incorporate all applicable requirements for the Title V source and for each method of operation proposed by the applicant and approved by the Department. Each such permit shall include all emission limitations and standards, including those operational requirements and limitations that assure compliance with all applicable requirements, with citation to the Department's rule authority for each term or condition, and identification of any difference in form from the applicable requirement upon which the term or condition is based. However, when there are multiple, redundant, or conflicting applicable requirements, these provisions can be reduced to a single streamlined term or condition that is as stringent as the multiple applicable requirements. In addition, the Department shall label permit terms or conditions "not federally enforceable" consistent with 40 CFR 70.6(b)(2), adopted and incorporated by reference at Rule 62-204.800, F.A.C. Emissions units or pollutant-emitting activities within a Title V source determined to be insignificant pursuant to Rule 62-213.430(6), F.A.C., shall be identified.
 - (a) Permit Duration. Permits for sources subject to the Federal Acid Rain Program shall be issued for terms of five years. Operation permits for Title V sources may not be extended as provided in Rule 62-4.080(3), F.A.C., if such extension will result in a permit term greater than five years.
 - (b) Monitoring and Related Recordkeeping and Reporting Requirements.
 1. Each permit shall specify the following requirements with respect to monitoring:
 - a. Emissions monitoring and analysis procedures or test methods specified by applicable requirements including 40 CFR 64, Compliance Assurance Monitoring, adopted and incorporated by reference at Rule 62-204.800, F.A.C.;
 - b. Periodic monitoring sufficient to yield reliable data from the relevant time period and that are representative of the source's compliance with the permit, as required by 40 CFR 70.6(a)(3)(i)(B), adopted and incorporated by reference at Rule 62-204.800, F.A.C. Periodic monitoring shall assure use of recordkeeping terms, test methods, units, averaging periods, or other statistical conventions consistent with the applicable requirement, as specified in Rule 62-213.440(4), F.A.C.; and

- c. Requirements concerning the use, maintenance, and installation of monitoring equipment or methods.
 2. The permit shall incorporate all applicable recordkeeping requirements including:
 - a. Records of monitoring information that specify the date, place, and time of sampling or measurement and the operating conditions at the time of sampling or measurement, the date(s) analyses were performed, the company or entity that performed the analyses, the analytical techniques or methods used, and the results of such analyses;
 - b. Retention of records of all monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.
 3. Each permit shall incorporate reporting requirements as follow:
 - a. Submittal of reports of any required monitoring at least every 6 months. All instances of deviations from permit requirements must be clearly identified in such reports;
 - b. Reporting, in accordance with requirements of Rules 62-210.700(6) and 62-4.130, F.A.C., of deviations from permit requirements, including those attributable to upset conditions as defined in the permit. Reports shall include the probable cause of such deviations, and any corrective actions or preventive measures taken.
 - c. All reports shall be accompanied by a certification by a responsible official, pursuant to Rule 62-213.420(4), F.A.C.
- (c) Emission Allowances. All Title V permits for sources subject to the Federal Acid Rain Program shall include a permit condition prohibiting emissions exceeding any allowances that the source lawfully holds under the Federal Acid Rain Program. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement.
 1. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the Federal Acid Rain Program, provided that such increases do not require a permit revision pursuant to Rule 62-213.400, F.A.C.
 2. No limit shall be placed on the number of allowances held by the source under the Federal Acid Rain Program.
 3. Allowances shall be accounted for under the Federal Acid Rain Program.
- (d) In addition to the requirements stated above, each Title V permit shall include all of the following:
 1. A statement that if any portion of the final permit is invalidated, the remainder of the permit shall remain in effect;
 2. Identification of fugitive emissions and source-wide emissions in the same manner as stack emissions, regardless of whether or not the Title V source is specifically listed in paragraph (b) of the definition of major source of air pollution at Rule 62-210.200, F.A.C.
 3. A statement that it shall not be a defense for a permittee in an enforcement action that maintaining compliance with any permit condition would necessitate halting of or reduction of the source activity;
 4. A statement that any Title V source shall comply with all the terms and conditions of the existing permit until the Department has taken final action on any permit renewal or any requested permit revision, except as provided at Rule 62-213.412(2), F.A.C.
 5. A statement that a situation arising from sudden and unforeseeable events beyond the control of the source which causes an exceedance of a technology-based emissions limitation because of unavoidable increases in emissions attributable to the situation and which requires immediate corrective action to restore normal operation, shall be an affirmative defense to an enforcement action in accordance with the provisions and requirements of 40 CFR 70.6(g)(2) and (3), hereby adopted and incorporated by reference;
 6. A statement that any permittee may claim confidentiality of any data or other information by complying with Rule 62-213.420(2), F.A.C.

(2) Compliance Requirements. For each applicable requirement for which one or more units within a source is not in compliance at the time of application for any permit, permit renewal or permit revision, and for which that unit has not come into compliance at the date of issuance of the 2ND DRAFT permit, the 2ND DRAFT permit shall contain:

(a) A provision that the source shall meet measurable and enforceable milestones on no less than a semiannual basis until compliance is achieved and demonstrated to the Department. Each source shall notify the Department in writing, within 15 days after the date specified for completion of each milestone, to include the achievement of compliance, of progress achieved, requirements met, requirements not met, corrective measures adopted and an explanation of any measures not met by the completion date for the milestone or for compliance. All reports shall be accompanied by a certification, signed by a responsible official, in accordance with Rule 62-213.420(4), F.A.C.

(b) A provision requiring the source to be in compliance by the date specified in the permit.

(3) Statement of Compliance.

(a) For each applicable requirement, the permit shall contain:

1. A provision for assessing or monitoring compliance for each unit within the source;

2. A provision that the source submit a statement of compliance with all terms and conditions of the permit. Such statements shall be submitted to the Department and EPA annually, or more frequently if specified by Rule 62-213.440(2), F.A.C., or by any other applicable requirement. Such statements shall be accompanied by a certification in accordance with Rule 62-213.420(4), F.A.C.;

3. A requirement that the statement of compliance status include all the provisions of 40 CFR 70.6(c)(5)(iii), incorporated by reference at Rule 62-204.800, F.A.C. Such statement shall be accompanied by a certification by a responsible official, in accordance with Rule 62-213.420(4), F.A.C.

(b) For purposes of the Statement of Compliance required at Rule 62-213.440(3)(a), F.A.C., the responsible official may treat compliance with all other applicable requirements as a surrogate for compliance with Rule 62-296.320(2), Objectionable Odor Prohibited.

(4) Periodic Monitoring.

(a) Periodic monitoring sufficient to satisfy the requirements of Rule 62-213.440(1)(b)1.b., F.A.C., shall assure the use of recordkeeping terms, test methods, units, averaging periods, or other statistical conventions which yield reliable data and are consistent with the applicable requirement, representative of the emissions unit's actual performance, and sufficient to indicate whether the unit remains in compliance. All periodic monitoring data must be retained in accordance with Rule 62-213.440(1)(b)2.b., F.A.C. When existing reporting, recordkeeping and testing requirements yield reliable data that are both representative of the unit's actual performance and sufficient to indicate whether the unit remains in compliance with an applicable requirement, additional periodic monitoring shall not be required for that applicable requirement.

(b) Monitoring performed pursuant to any of the following satisfies periodic monitoring for that applicable requirement:

1. Emission limitations or standards proposed and promulgated by the U.S. Environmental Protection Agency after November 15, 1990, pursuant to section 111 or 112 of the Clean Air Act. The emission limitations or standards include:

a. 40 CFR 60 (New Source Performance Standards and Emission Guidelines for Existing Sources);

b. 40 CFR 61 (National Emission Standards for Hazardous Air Pollutants); and

c. 40 CFR 63 (National Emission Standards for Hazardous Air Pollutants);

2. Acid Rain Program requirements pursuant to sections 404, 405, 406, 407(a), 407(b), or 410 of the Clean Air Act. The requirements include continuous monitoring system requirements established pursuant to 40 CFR 75;

3. Emission limits or standards for which monitoring requirements are established pursuant to 40 CFR 64 (Compliance Assurance Monitoring); and

4. Emission limitations or standards for which a Title V permit specifies a continuous compliance determination method, as defined in 40 CFR 64.1, adopted and incorporated by reference at Rule 62-204.800, F.A.C., unless such compliance method includes an assumed control device emission reduction factor that could be affected by the actual operation and maintenance of the control device.

Specific Authority: 403.061, 403.087, FS

Law Implemented: 403.087, 403.0872, FS

History: New 11-28-93; Amended 4-17-94; Formerly

17-213.440; Amended 11-23-94, 4-18-95, 3-13-96, 3-20-96, 11-13-97, 4-7-98, 2-11-99, 7-15-99.

Appendix H-1, Permit History/ID Number Changes

Lafarge North America, Inc.

Facility ID No.: 1070039

Permit History (for tracking purposes):

<u>E.U.</u>	<u>ID No.</u>	<u>Description</u>	<u>Permit No.</u>	<u>Issue Date</u>	<u>Expiration Date</u>	<u>Extended Date</u>	<u>Revised Date(s)</u>
	All	Facility-Wide	1070039-001-AC	08-11-1999	02-11-2002		

(if applicable) ID Number Changes (for tracking purposes):



Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

January 14, 2002

Mr. William O. Brundridge
Plant Manager
Lafarge North America, Inc.
886 North, Highway 17
Palatka, Florida 32256

Re: DRAFT Title V Permit No.: 1070039-003-AV
Lafarge North America, Inc.- Palatka Plant
Putnam County - AP

Dear Mr. Brundridge:

One copy of the DRAFT Title V Air Operation Permit for the Lafarge North America, Inc. – Palatka Plant located on Highway 17, Palatka, Putnam County, is enclosed. The permitting authority's “INTENT TO ISSUE TITLE V AIR OPERATION PERMIT” and the “PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT” are also included.

Please note, the Public Notice is a combined notice and addresses the Intent to Issue this permitting action and the Bureau of Air Regulation's Air Construction Permit Modification simultaneously.

Therefore, the combined “PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT” and “PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT MODIFICATION” must be published as soon as possible upon receipt of this letter. Proof of publication, i.e., newspaper affidavit, must be provided to the permitting authority's office within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit. The Department reserves the right to publish the Public Notice at anytime. If the Department publishes the Public Notice, the applicant is relieved of this responsibility.

Please submit any written comments you wish to have considered concerning the permitting authority's proposed action to Christopher L. Kirts, P.E, at the above letterhead address. If you have any other questions, please contact Khalid Al-Nahdy at (904) 807-3243.

Sincerely,

Christopher L. Kirts, P.E.
District Air Program Administrator

CLK: KA

Enclosures

“More Protection, Less Process”

Printed on recycled paper.

In the Matter of an
Application for Permit by:

Lafarge North America, Inc.
886 North, Highway 17
Palatka, FL 32256

DRAFT Permit No.: 1070039-003-AV
Palatka Plant
Putnam County

INTENT TO ISSUE TITLE V AIR OPERATION PERMIT

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V air operation permit (copy of DRAFT Permit attached) for the Title V source detailed in the application specified above, for the reasons stated below.

The applicant, Lafarge North America, Inc., applied on November 6, 2001, to the permitting authority for a Title V air operation permit for the Palatka on Highway 17, Palatka, Putnam County.

The permitting authority has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. This source is not exempt from Title V permitting procedures. The permitting authority has determined that a Title V air operation permit is required to commence or continue operations at the described facility.

The permitting authority intends to issue this Title V air operation permit based on the belief that reasonable assurances have been provided to indicate that operation of the source will not adversely impact air quality, and the source will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-256, 62-257, 62-281, 62-296, and 62-297, F.A.C. In addition, the DRAFT Title V Air Operation Permit includes the Bureau of Air Regulation's proposed air construction permit modifications; and, the Public Notice is a combined notice and addresses the Intent to Issue this permitting action and the Bureau of Air Regulation's Air Construction Permit Modification simultaneously.

Pursuant to Sections 403.815 and 403.0872, F.S., and Rules 62-103.150 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT." The notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the permitting authority at the address or telephone number listed below. The applicant shall provide proof of publication to the permitting authority's office, Florida Department of Environmental Protection, 7825 Baymeadows Way, Suite B200, Jacksonville, Florida 32256-7590 (Telephone: (904) 448-4310; Fax: (904) 448-4363), within 7 (seven) days of publication. Failure to publish

the notice and provide proof of publication within the allotted time may result in the denial of the permit pursuant to Rule 62-103.150(6), F.A.C.

The permitting authority will issue the Title V PROPOSED Permit, and subsequent Title V FINAL Permit, in accordance with the conditions of the attached Title V DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will accept written comments concerning the proposed permit issuance action for a period of 30 (thirty) days from the date of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT." Written comments should be provided to the permitting authority office. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

The permitting authority will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation under Section 120.573, F.S., will not be available for this proposed action.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, FL 32399-3000 (Telephone: (904) 488-9730, Fax: (904) 487-4938). Petitions filed by the permit applicant or any of the parties listed below must be filed within 14 (fourteen) days of receipt of this notice of intent. Petitions filed by any other person must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207, F.A.C.

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;

(c) A statement of how and when each petitioner received notice of the agency action or proposed action;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief;

(f) A demand for relief.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation will not be available in this proceeding.

In addition to the above, a person subject to regulation has a right to apply to the Department of Environmental Protection for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information:

(a) The name, address, and telephone number of the petitioner;

(b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any;

(c) Each rule or portion of a rule from which a variance or waiver is requested;

(d) The citation to the statute underlying (implemented by) the rule identified in (c) above;

(e) The type of action requested;

(f) The specific facts that would justify a variance or waiver for the petitioner;

(g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and,

(h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2), F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the United States Environmental Protection Agency and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

Executed in Jacksonville, Florida.

Florida Department of Environmental Protection

Christopher L. Kirts, P.E.
District Air Program Administrator

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT (including the PUBLIC NOTICE and the DRAFT permit) and all copies were sent by certified mail before the close of business on _____ to the person(s) listed:

Mr. William O. Brundridge

In addition, the undersigned duly designated deputy agency clerk hereby certifies that copies of this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT (including the PUBLIC NOTICE and the DRAFT permit) were sent by U.S. mail on the same date to the person(s) listed or as otherwise noted:

Gregg Worley, EPA

Mr. Paul Smith, P.E. – Trinity Consultants

Ms. Carla E. Pierce, U.S. EPA, Region 4 (INTERNET E-mail Memorandum)

Ms. Gracy Danois, U.S. EPA, Region 4 (INTERNET E-mail Memorandum)

Ms. Barbara Friday, Bureau of Air Regulation (E-mail)

Clerk Stamp

FILED AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency Clerk, receipt of which is hereby acknowledged.

(Clerk)

(Date)

PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT
AND
PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT MODIFICATION

Florida Department of Environmental Protection

DRAFT Title V Air Operation Permit No.: 1070039-003-AV
Draft Air Construction Permit No.: 1070039-004-AC

Florida Rock Industries, Inc.
Thompson S. Baker Cement Plant - Newberry
Alachua County

The Florida Department of Environmental Protection gives notice of its intent to issue the initial Title V Air Operation Permit [Northeast District: permitting authority] and an Air Construction Permit Modification [Bureau of Air Regulation: permitting authority], simultaneously, to Lafarge North America, Inc. for the Palatka Plant in Palatka located on Highway 17, Putnam County. The applicant's name and address is: Mr. William O. Brundridge, Lafarge North America, Inc., 886 North, Highway 17, Palatka, Florida 32256.

The modification's purpose is to reflect the actual emission units constructed for the facility. The original permit was issued on August 11, 1999, with an initial expiration date of February 11, 2002.

The Northeast District will issue the PROPOSED Title V Air Operation Permit, and subsequent FINAL Title V Air Operation Permit, in accordance with the conditions of the DRAFT Title V Air Operation Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions. Also, the Department will issue the Final Air Construction Permit Modification unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions. These permits will be issued simultaneously in accordance with the Title V Air Operation Permit permitting timeframes.

The permitting authority will accept written comments concerning the DRAFT Title V Air Operation Permit and Draft Air Construction Permit Modification issuance actions for a period of 30 (thirty) days from the date of publication of this Notice. For the DRAFT Title V Air Operation Permit, written comments should be provided to the Department of Environmental Protection, 7825 Baymeadows Way, Suite B200, Jacksonville, Florida 32256-7590. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Title V Air Operation Permit, the permitting authority shall issue a Revised DRAFT Title V Air Operation Permit and require, if applicable, another Public Notice. For the Draft Air Construction Permit Modification, written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed Draft Air Construction Permit Modification, the permitting authority shall issue a Revised Draft Air Construction Permit Modification and require, if applicable, another Public Notice.

The permitting authorities will issue the permits simultaneously unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation under Section 120.573, F.S., will not be available for this proposed action.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station

#35, Tallahassee, FL 32399-3000 (Telephone: (904) 488-9730, Fax: (904) 487-4938). Petitions must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of the notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the applicable time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name, address and telephone number of the petitioner; name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how petitioner's substantial rights will be affected by the agency determination;

(c) A statement of how and when the petitioner received notice of the agency action or proposed action;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so state;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle petitioner to relief; and

(f) A demand for relief.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available for this proceeding.

In addition to the above, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

For the proposed Title V Air Operation Permit, a complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Dept. of Environmental Protection
Northeast District Office
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256-7590
Telephone: (904) 448-4310
Fax: (904) 448-4363

The complete project file includes the DRAFT Title V Air Operation Permit, the application, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact Christopher L. Kirts, P.E., at the above address, or call (904) 448-4310, for additional information.

For the proposed extension of expiration date and Air Construction Permit Modification, a complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Dept. of Environmental Protection
Northeast District Office
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256-7590
Telephone: (904) 448-4310
Fax: (904) 448-4363

Appendix I-1, List of Insignificant Emissions Units and/or Activities.

Lafarge North America, Inc.
Palatka Plant

Draft Permit No.: 1070039-003-AV
Facility ID No.: 1070039

The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Categorical Exemptions, are exempt from the permitting requirements of Chapters 62-210 and 62-4, F.A.C.; provided, however, that exempt emissions units shall be subject to any applicable emission limiting standards and the emissions from exempt emissions units or activities shall be considered in determining the potential emissions of the facility containing such emissions units. Emissions units and pollutant-emitting activities exempt from permitting under Rule 62-210.300(3)(a), F.A.C., shall not be exempt from the permitting requirements of Chapter 62-213, F.A.C., if they are contained within a Title V source; however, such emissions units and activities shall be considered insignificant for Title V purposes provided they also meet the criteria of Rule 62-213.430(6)(b), F.A.C. No emissions unit shall be entitled to an exemption from permitting under Rule 62.210.300(3)(a), F.A.C., if its emissions, in combination with the emissions of other units and activities at the facility, would cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source.

The below listed emissions units and/or activities are considered insignificant pursuant to Rule 62-213.430(6), F.A.C.

Brief Description of Emissions Units and/or Activities:

1. Facility-wide particulate matter fugitive emissions from miscellaneous activities, such as truck operations throughout the facility, wind erosion, etc.
2. Diesel fuel tanks
3. Gypsum Storage Operations
4. Gypsum Handling Operations
5. Two Diesel-Fired Emergency Generator Engines
6. One Diesel-Fired Water Pump Engine
7. One Portable High Vacuum Cleaning System
8. Six Paper Heaters
9. General VOC usage for maintenance
10. Non-road diesel engines
11. Portable welding
12. Process laboratory
13. Janitorial activities
14. Portable toilet facilities
15. Administrative support functions including printing and document preparation
16. Vermiculate Bin
17. Inkjet Printer

Appendix U-1, List of Unregulated Emissions Units and/or Activities.

Lafarge North America, Inc.
Palatka Plant

Draft Permit No.: 1070039-003-AV
Facility ID No.: 1070039

Unregulated Emissions Units and/or Activities. An emissions unit which emits no “emissions-limited pollutant” and which is subject to no unit-specific work practice standard, though it may be subject to regulations applied on a facility-wide basis (e.g., unconfined emissions, odor, general opacity) or to regulations that require only that it be able to prove exemption from unit-specific emissions or work practice standards.

The below listed emissions units and/or activities are neither ‘regulated emissions units’ nor ‘insignificant emissions units’.

<u>E.U. ID No.</u>	<u>Brief Description of Emissions Units and/or Activity</u>
-xxx	Facility Wide Fugitive Emissions (Those not subject to applicable requirements.) <ul style="list-style-type: none"> • Paved and unpaved roads (fugitive emissions) • Raw material & product storage piles, conveying & handling • Woodworking and metalworking shops • Painting operations/paint shop ¹ • Sandblasting ² • Pipe leaks ³ • Pump seals ³ • Packing leaks ³ • Unconfined particulate from road dust/ miscellaneous sources • Lubricating oil reservoirs • Fire training • Loading/unloading/storage of packaged materials • Lab vents • Machine shops • Refueling • Space heaters
	General purpose painting
	Gypsum handling and storage system ⁴
	Limestone handling and storage system ⁴

¹ Not to exceed HAP and VOC rule reporting thresholds.

² With the exception of off property drift.

³ In accordance with manufacturer’s specified allowances under normal operation.

⁴ Unregulated with the exception of compliance with Facility-Wide Condition No. 3.

APPENDIX SS-1, STACK SAMPLING FACILITIES (version dated 10/07/96)

Stack Sampling Facilities Provided by the Owner of an Emissions Unit. This section describes the minimum requirements for stack sampling facilities that are necessary to sample point emissions units. Sampling facilities include sampling ports, work platforms, access to work platforms, electrical power, and sampling equipment support. Emissions units must provide these facilities at their expense. All stack sampling facilities must meet any Occupational Safety and Health Administration (OSHA) Safety and Health Standards described in 29 CFR Part 1910, Subparts D and E.

(a) Permanent Test Facilities. The owner or operator of an emissions unit for which a compliance test, other than a visible emissions test, is required on at least an annual basis, shall install and maintain permanent stack sampling facilities.

(b) Temporary Test Facilities. The owner or operator of an emissions unit that is not required to conduct a compliance test on at least an annual basis may use permanent or temporary stack sampling facilities. If the owner chooses to use temporary sampling facilities on an emissions unit, and the Department elects to test the unit, such temporary facilities shall be installed on the emissions unit within 5 days of a request by the Department and remain on the emissions unit until the test is completed.

(c) Sampling Ports.

1. All sampling ports shall have a minimum inside diameter of 3 inches.

2. The ports shall be capable of being sealed when not in use.

3. The sampling ports shall be located in the stack at least 2 stack diameters or equivalent diameters downstream and at least 0.5 stack diameter or equivalent diameter upstream from any fan, bend, constriction or other flow disturbance.

4. For emissions units for which a complete application to construct has been filed prior to December 1, 1980, at least two sampling ports, 90 degrees apart, shall be installed at each sampling location on all circular stacks that have an outside diameter of 15 feet or less. For stacks with a larger diameter, four sampling ports, each 90 degrees apart, shall be installed. For emissions units for which a complete application to construct is filed on or after December 1, 1980, at least two sampling ports, 90 degrees apart, shall be installed at each sampling location on all circular stacks that have an outside diameter of 10 feet or less. For stacks with larger diameters, four sampling ports, each 90 degrees apart, shall be installed. On horizontal circular ducts, the ports shall be located so that the probe can enter the stack vertically, horizontally or at a 45 degree angle.

5. On rectangular ducts, the cross sectional area shall be divided into the number of equal areas in accordance with EPA Method 1. Sampling ports shall be provided which allow access to each sampling point. The ports shall be located so that the probe can be inserted perpendicular to the gas flow.

(d) Work Platforms.

1. Minimum size of the working platform shall be 24 square feet in area. Platforms shall be at least 3 feet wide.

2. On circular stacks with 2 sampling ports, the platform shall extend at least 110 degrees around the stack.

3. On circular stacks with more than two sampling ports, the work platform shall extend 360 degrees around the stack.

4. All platforms shall be equipped with an adequate safety rail (ropes are not acceptable), toeboard, and hinged floor-opening cover if ladder access is used to reach the platform. The safety rail directly in line with the sampling ports shall be removable so that no obstruction exists in an area 14 inches below each sample port and 6 inches on either side of the sampling port.

(e) Access to Work Platform.

1. Ladders to the work platform exceeding 15 feet in length shall have safety cages or fall arresters with a minimum of 3 compatible safety belts available for use by sampling personnel.

2. Walkways over free-fall areas shall be equipped with safety rails and toeboards.

(f) Electrical Power.

1. A minimum of two 120-volt AC, 20-amp outlets shall be provided at the sampling platform within 20 feet of each sampling port.

APPENDIX SS-1, STACK SAMPLING FACILITIES (version dated 10/07/96)
(continued)

2. If extension cords are used to provide the electrical power, they shall be kept on the plant's property and be available immediately upon request by sampling personnel.

(g) Sampling Equipment Support.

1. A three-quarter inch eyebolt and an angle bracket shall be attached directly above each port on vertical stacks and above each row of sampling ports on the sides of horizontal ducts.

a. The bracket shall be a standard 3 inch x 3 inch x one-quarter inch equal-legs bracket which is 1 and one-half inches wide. A hole that is one-half inch in diameter shall be drilled through the exact center of the horizontal portion of the bracket. The horizontal portion of the bracket shall be located 14 inches above the centerline of the sampling port.

b. A three-eighth inch bolt which protrudes 2 inches from the stack may be substituted for the required bracket. The bolt shall be located 15 and one-half inches above the centerline of the sampling port.

c. The three-quarter inch eyebolt shall be capable of supporting a 500 pound working load. For stacks that are less than 12 feet in diameter, the eyebolt shall be located 48 inches above the horizontal portion of the angle bracket. For stacks that are greater than or equal to 12 feet in diameter, the eyebolt shall be located 60 inches above the horizontal portion of the angle bracket. If the eyebolt is more than 120 inches above the platform, a length of chain shall be attached to it to bring the free end of the chain to within safe reach from the platform.

2. A complete monorail or dualrail arrangement may be substituted for the eyebolt and bracket.

3. When the sample ports are located in the top of a horizontal duct, a frame shall be provided above the port to allow the sample probe to be secured during the test.

[Rule 62-297.310(6), F.A.C.]

Table 1-1, Summary of Air Pollutant Standards and Terms

Lafarge North America, Inc.
Palatka Plant

PROPOSED Permit No.: 1070039-003-AV
***Facility ID No.:** 1070039

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No. **Brief Description**
EU017 Additives System and Pin Mixer (EP017) - Indoor

Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See permit condition(s)
			Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
Visible Emissions		8760	20%					62.296.320(4)(b)	III.C.3.

Notes:

* The "Equivalent Emissions" listed are for informational purposes only.

Table 2-1, Summary of Compliance Requirements

Lafarge North America, Inc.
Palatka Plant

Draft Permit No.: 1070039-003-AV
Facility ID No.: 1070039

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No. **Brief Description**
EU017 Additives System and Pin Mixer (EP017) - Indoor

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
VOC		Recordkeeping					III.C.4.

**CMS [=] continuous monitoring system

[electronic file name: 10700392.xls]