



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

## CERTIFIED MAIL

In the Matter of an Application  
for Permit by:

DEP File No.: AC60-275111  
County: Sumter

Mr. Joseph M. Stavola, President  
Dixie Lime and Stone Co.  
P.O. Box 1209  
Anthony, FL 32617

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## INTENT TO ISSUE

The Department of Environmental Protection gives notice of its intent to issue a permit (copy attached) for the proposed project as detailed in the application specified above, for the reasons stated below.

The applicant, Dixie Lime and Stone Co., applied on July 28, 1995 to the Department of Environmental Protection for an after-the-fact permit for construction of an existing limestone processing plant at its facility located at the Sumterville Mine, Highway 470, Sumterville, Florida.

The Department has permitting jurisdiction under 403.087, Florida Statutes (F.S.). The project is not exempt from permitting procedures. The Department has determined that a construction permit is required for the proposed work.

The Department intends to issue this permit based on the belief reasonable assurances have been provided to indicate the proposed project will comply with the appropriate provisions of Florida Administrative Code (F.A.C.) Chapters 62-210 through 62-297 & 62-4.

Pursuant to Section 403.815, F.S. and Rule 62-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Permit. The notice will be published one time only within 30 days, in the legal ad section of a newspaper of general circulation in the area affected. For the purposes of this rule "publication in a newspaper of general circulation in the affected area" 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 Department at the address or telephone number listed above. The applicant shall provide proof of publication to the Department, at 3804 Coconut Palm Drive, Tampa Florida 33619 within seven days of publication.

*"Protect, Conserve and Manage Florida's Environment and Natural Resources"*

Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

The Department will issue the permit with the attached conditions unless a petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, F.S.

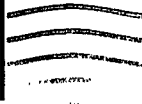
A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the permit applicant and the parties listed below must be filed within 14 days of receipt of this intent. Petitions filed by other persons must be filed within 14 days of publication of the public notice or within 14 days of their receipt of this intent, whichever first occurs. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under section 120.57 Florida Statutes.

The Petition shall contain the following information;

- (a) The name, address, and the telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by petitioner, if any;
- (e) A statement of facts which petitioner contends warrants reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this permit. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition

UNITED STATES POSTAL SERVICE



First-Class Mail  
Postage & Fees Paid  
USPS  
Permit No. G-10

• Print your name, address, and ZIP Code in this box •

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
3804 COCONUT PALM DR  
TAMPA, FLORIDA 33619

BY SOUTH WEST DISTRICT  
Lester, S. J.  
Department of Environmental Protection

APR - 4 1996

RECEIVED

Air



Is your RETURN ADDRESS completed on the reverse side?

**SENDER:** AC60-27511 EP

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1.  Addressee's Address
2.  Restricted Delivery

Consult postmaster for fee.

MR JOSEPH M STAVOLA  
 PRESIDENT  
 DIXIE LIME & STONE CO  
 PO BOX 1209  
 ANTHONY FL 32617

4a. Article Number  
P 368 674 152

4b. Service Type

Registered  Certified

Express Mail  Insured

Return Receipt for Merchandise  COD

7. Date of Delivery  
4/2/96

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)  
X - EC

Thank you for using Return Receipt Service.

UNITED STATES POSTAL SERVICE



First-Class Mail  
Postage & Fees Paid  
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Permit No. G-10

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STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
3804 COCONUT PALM DR  
TAMPA, FLORIDA 33619

*AIR*

APR 3 1996  
SOUTH WES  
SECTION

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:** AC60-27511

EP

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
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MR STEVEN C CULLEN  
 KOGLER & ASSOCIATES  
 4014 NW 13TH STREET  
 GAINESVILLE FL 32609

4a. Article Number

P 368 674 153

4b. Service Type

- Registered  Certified
- Express Mail  Insured
- Return Receipt for Merchandise  COD

7. Date of Delivery

4-1-96

5. Received By: (Print Name)

6. Signature (Addressee or Agent)

X *S. Chesbrough*

8. Addressee's Address (Only if requested and fee is paid)

Thank you for using Return Receipt Service.

P 368 674 153

US Postal Service  
**Receipt for Certified Mail**  
No Insurance Coverage Provided.  
Do not use for International Mail (See reverse)

MR STEVEN C CULLEN  
KOOGLER & ASSOCIATES  
4014 NW 13TH STREET  
GAINESVILLE FL 32609

PS Form 3800, April 1995

Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
<b>TOTAL Postage &amp; Fees</b>	<b>\$</b>
Postmark or Date	<b>MAR 29 1996</b>

P 368 674 152

US Postal Service  
**Receipt for Certified Mail**  
No Insurance Coverage Provided.  
Do not use for International Mail (See reverse)

MR JOSEPH M STAVOLA  
PRESIDENT  
DIXIE LIME & STONE CO  
PO BOX 1209  
ANTHONY FL 32617

PS Form 3800, April 1995

Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
<b>TOTAL Postage &amp; Fees</b>	<b>\$</b>
Postmark or Date	<b>MAR 29 1996</b>

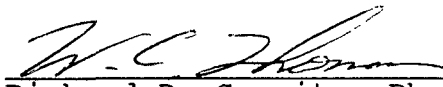
Dixie Lime and Stone Co.  
Intent to Issue

File No.: AC60-275111  
Page 3 of 3

must conform to the requirements specified above and be filed (received) within 14 days of receipt of this notice, in the Office of General Counsel at the above address of the Department. Failure to petition within the allotted time frame constitutes a waiver of any rights such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

Executed in Tampa, Florida

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

  
For Richard D. Garrity, Ph.D.  
Director of District Management

Attachment

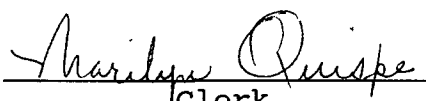
Copies furnished to:

Steven C. Cullen. P.E.  
Koogler & Associates  
4014 NW 13th Street  
Gainesville, FL 32609

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this INTENT TO ISSUE and all copies were mailed by certified mail before the close of business on MAR 29 1996 to the listed persons.

FILING AND ACKNOWLEDGEMENT FILED, on this date, pursuant to Section 120.52(11), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

  
Clerk

MAR 29 1996  
Date



STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
NOTICE OF INTENT TO ISSUE PERMIT

The Department of Environmental Protection gives notice of its intent to issue an air pollution permit (No. AC60-275111) to Dixie Lime and Stone Co. for the after-the-fact construction of an existing limestone processing plant and the construction of a new portable screening operation at its facility located at the Sumterville Mine, Highway 470, Sumterville, Florida. MAILING ADDRESS - Dixie Lime and Stone Co., P.O. Box 1209, Anthony, Florida, 32617 to the attention of Mr. Joseph M. Stavola.

A Best Available Control Technology (BACT) determination was not required.

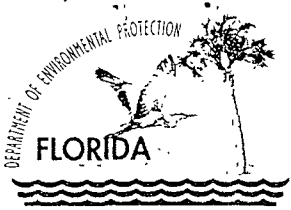
A person whose substantial interests are affected by this proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 14 days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under section 120.57 Florida Statutes.

The Petition shall contain the following information;

- (a) The name, address, and the telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by petitioner, if any;
- (e) A statement of facts which petitioner contends warrants reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this permit. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of receipt of this notice, in the Office of General Counsel at the above address of the Department. Failure to petition within the allotted time frame constitutes a waiver of any rights such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

The application 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 8407 Laurel Fair Circle, Tampa, Florida 33610.



# Department of Environmental Protection

Lawton Chiles  
Governor

**DRAFT**

Southwest District  
104 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

**PERMITTEE:**

Dixie Lime and Stone Co.  
P.O. Box 1209  
Anthony, FL 32617

**Permit No.:** AC60-275111

**Issue Date:**

**Expiration Date:** 06/01/97

**Project:** Limestone Processing  
Plant

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-103, 62-204, 62-210, 62-296, and 62-297. 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 department and made a part hereof and specifically described as follows:

This is an after-the-fact facility-wide construction permit for a quarry and limestone processing plant. In addition, the construction of a new portable screening operation consisting of a Cedar Rapids portable screen deck (Model No. FSG 6203-32), an FPM 48" width underscreen conveyor belt, and an FPM 42" width stacking conveyor belt is authorized by this permit. Limestone is loosened from the quarry by drilling and blasting. The limestone is processed by crushing and screening for size classification. The processed limestone is transported by conveyor belts or front-end loaders to stockpiles or a storage bin. Haul trucks are loaded by front-end loaders from stockpiles or directly from the storage bin. Process emission sources include 2 crushers, 4 screening operations (1 of which is to be constructed), 11 conveyor belts (2 of which are to be constructed), 2 hoppers, and a storage bin. Non-process fugitive emission sources include blasting, drilling, roadways, stockpiles, and truck loadout.

Portions of the limestone processing plant are subject to 40 CFR 60 Subpart 000, *Standards of Performance for Nonmetallic Mineral Processing Plants*.

Note: Replacement of components may cause additional portions of the plant to become subject to 40 CFR 60 Subpart 000 (ref. 40 CFR 60.15 and 60.673).

The permit application was submitted in accordance with Consent Order (OGC) Number 95-0776.

**PERMITTEE:**

Dixie Lime and Stone Co.  
Sumterville Mine

Permit No.: AC60-275111

Project: Limestone Processing  
Plant

**DRAFT**

**Location:** Sumterville Mine, Highway 470, Sumterville, Sumter County

**UTM:** 17-397.5 E 3181.2 N **FACILITY ID NO.:** 1190019

**EMISSION UNIT ID NO.:** 001 - Limestone Processing Plant

**NOTE:** Please reference Permit No., Facility ID No., Emission Unit ID No., and Emission Point No. in all correspondence, test report submittals, etc.

**Permit History:** No prior air pollution permits.

**Specific Conditions:**

1. A part of this permit is the attached 15 General Conditions. [Rule 62-4.160, F.A.C.]
2. Pursuant to Rule 62-204.800, F.A.C., the permittee is subject to the standards of performance of 40 CFR 60 Subpart 000 and the general provisions of 40 CFR 60 Subpart A, where applicable.

OPERATION LIMITATIONS

3. The maximum throughput of the limestone processing plant shall not exceed 1000 tons per hour for the Cedar Rapids crusher, 700 tons per hour for the Hewitt Robbins crusher, 1700 tons per hour total, and 5,000,000 tons per consecutive 12 month period. [Rule 62-212.200(58), F.A.C. and permit application dated 07/25/95]

EMISSION LIMITATIONS

4. **EMISSION SOURCES SUBJECT TO 40 CFR 60 SUBPART 000:** The affected emission sources identified below in Tables 1 and 2 are subject to the following visible emissions limit set forth in 40 CFR 60 Subpart 000, except as noted on Specific Condition No.

4.(c). (The sources marked "\*" are currently not in use; the sources marked "\*\*" are new construction).

(a) Fugitive particulate matter emissions shall not be greater than 10 percent opacity from any transfer point on conveyor belts or from any other affected emission source, as identified in Table 1.

**PERMITTEE:**

Dixie Lime and Stone Co.  
Sumterville Mine

Permit No.: AC60-275111

Project: Limestone Processing  
Plant

Specific Conditions:

**DRAFT**

Specific Condition No. 4 continued:

*Table 1: Emission Sources with 10% Opacity Limit*

Name	Type	Emission Point No.
#2815 Swivel	Conveyor Belt	1
#2815 Feeder	Conveyor Belt	2
#2815 Delivery	Conveyor Belt	3
#2823 Crusher Underbelt*	Conveyor Belt	4
#2823 Stacker*	Conveyor Belt	5
#2817 Underhopper	Conveyor Belt	6
#2817 Delivery	Conveyor Belt	7
#2817 Powerscreen	Screen	8
#2815 Wobble Feeder	Screen	9
#2818 Underscreen**	Conveyor Belt	10
#2818 Stacking**	Conveyor Belt	11
#2818 Cedar Rapids**	Screen	12

(b) Fugitive particulate matter emissions shall not be greater than 15 percent opacity from the crusher identified in Table 2.

*Table 2: Emission Sources with 15% Opacity Limit*

Name	Type	Emission Point No.
#2815 Cedar Rapids	Portable Impact	13

(c) Truck dumping of nonmetallic minerals into any screening operation, feed hopper, or crusher is exempt from the requirements of Specific Condition No. 4.(a) or (b).  
[40 CFR 60.672]

5. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any emissions unit whatsoever, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrially related activities such as loading, unloading, storing or handling, *unless otherwise specified by this permit*, without taking reasonable precautions to prevent such emissions.

[Rule 62-296.310(3)(a), F.A.C.]

PERMITTEE:

Dixie Lime and Stone Co.  
Sumterville Mine

Permit No.: AC60-275111

Project: Limestone Processing  
Plant

Specific Conditions:

**DRAFT**

6. The following work practices (reasonable precautions) shall be followed:

- (a) The plant exit road is paved.
- (b) The posted plant-wide speed limit is 15 mph.
- (c) The plant roads are watered by water truck as necessary to prevent the occurrence of emissions of unconfined particulate matter.

[Construction permit application, dated July 25, 1995 and Rule 62-296.310(3)(b), F.A.C.]

7. Reasonable precautions may include, but shall not be limited to the following:

- (a) Paving and maintenance of roads, parking areas and yards.
- (b) Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
- (c) Application of asphalt, water, or other dust suppressants to unpaved roads, yards, open stock piles and similar emissions units.
- (d) Removal of particulate matter from roads and other paved areas under the control of the permittee of the emissions unit to prevent reentrainment, and from buildings or work areas to prevent particulate matter from becoming airborne.
- (e) Landscaping or planting of vegetation.
- (f) Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
- (g) Confining abrasive blasting where possible.
- (h) Enclosure or covering of conveyor systems.

[Rule 62-296.310(3)(c), F.A.C.]

8. In order to provide reasonable assurance that the precautions and practices taken at the plant are adequate, all non-process sources (listed in Specific Condition No. 5) of unconfined particulate matter, as well as process sources not subject to 40 CFR 60 Subpart 000 (identified below in Table 3) shall not exceed 5 percent opacity. Exceedance of this limit shall not be considered a violation in and of itself, but an indication that additional control precautions and/or practices may be necessary. (The sources marked (\*) are currently not in use.)

[Rule 62-4.070(3), F.A.C.]

**PERMITTEE:**

Dixie Lime and Stone Co.  
Sumterville Mine

Permit No.: AC60-275111

Project: Limestone Processing  
Plant

**Specific Conditions:**

Specific Condition No. 8 continued:

**DRAFT**

*Table 3: Process Sources Subject To Reasonable Precautions*

Name	Type
#2823 Hewitt Robbins Crusher*	Portable Impact
#2823 Vibratory Feeder*	Screen
Under Bin Loading Hopper	Conveyor Belt
Hopper to Storage Bin	Conveyor Belt
Bin Loading Hopper	
Powerscreen Hopper	
Storage Bin (by old scale)	

COMPLIANCE TESTING REQUIREMENTS

9.(a) The existing process emission sources identified in Tables 1 and 2, with the exception of the currently inactive sources (marked "\*" in the Tables), shall be tested for visible emissions within 60 days of issuance of this permit.

(b) The inactive process emission sources identified in Tables 1 and 2 (marked "\*" in the Tables) shall be tested for visible emissions within 30 days of their reactivation.

(c) The newly constructed process emission sources identified in Tables 1 and 2 (marked "\*\*" in the Tables) shall be tested for visible emissions within 60 days after achieving the maximum production rate at which they will be operated, but not later than 180 days after their initial startup.

[40 CFR 60.8(a) and Rule 62-297.340(1)(a), F.A.C.]

10.(a) Visible emissions testing for the process emission sources identified in Tables 1 and 2 (i.e., those sources subject to 40 CFR 60 Subpart 000) shall be conducted using 40 CFR 60, Appendix A, EPA Method 9 and the procedures of 40 CFR 60.11. For the purposes of determining initial compliance, the total time of the visible emissions testing shall be 3 hours per source. In addition, the following shall apply to the test methods and procedures:

(1) The visible emission testing for the sources identified in Tables 1 and 2 shall be conducted using EPA Method 9 and the procedures of 40 CFR 60.11, with the following additions:

(a) The minimum distance between the observer and the emission unit shall be 4.57 meters (15 feet).

**PERMITTEE:**

Dixie Lime and Stone Co.  
Sumterville Mine

Permit No.: AC60-275111

Project: Limestone Processing  
Plant

**Specific Conditions:**

**DRAFT**

Specific Condition No. 10 continued:

- (b) The observer shall, when possible, select a position that minimizes interference from other fugitive emissions units (e.g., road dust). The required observer position relative to the sun (EPA Method 9, Section 2.1) must be followed.
- (2) The permittee may use the following as alternatives to the reference methods and procedures specified in Specific Condition No. 10.
  - (a) If emissions from two or more emission sources continuously interfere so that the opacity of fugitive emissions from an individual affected emissions source cannot be read, either of the following procedures may be used:
    - (i) Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected emissions units contributing to the emissions stream.
    - (ii) Separate the emissions so that the opacity of emissions from each affected emissions unit can be read.

11. The owner or operator shall notify the Department at least 30 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. As part of the notification, a protocol shall be submitted which specifies how the crusher throughput during the test will be determined. The protocol may request a different test duration and that only specified worst case sources be tested, among a group of essentially identical units.

[40 CFR 60.8(d) and Rule 62-4.070(3), F.A.C.]

12. Testing of emissions shall be conducted with the emissions unit operation 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. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit (1000 tons throughput per hour for the Cedar Rapids crusher, 700 tons per hour for the Hewitt Robbins crusher).

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



PERMITTEE:

Dixie Lime and Stone Co.  
Sumterville Mine

Permit No.: AC60-275111

Project: Limestone Processing  
Plant

Specific Conditions:

**DRAFT**

13. The permittee of an air pollution emissions unit, for which compliance tests are required, shall file a report with the Air Program of the Department's Southwest District on the results of each such test. The required test report shall be filed with the Department as soon as practical but no later than 45 days after each test is completed. The test report submittal shall meet all applicable requirements of Chapter 62-297, F.A.C. Include in the test report the crusher operation rate during each test.

[Rules 62-4.070(3) and 62-297.570, F.A.C.]

14. 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 62-297.340(2), F.A.C.]

REACTIVATION OF INACTIVE SOURCES

15. For reactivation of the any of the inactive sources identified in Tables 1 and 2, notify the Air Program of the Department's Southwest District at least 60 days prior to the reactivation. Test notification, test report submittal, and testing of the reactivated sources shall be in accordance with Specific Condition Nos. 10, 11, 12, and 13.

[Rule 62-210.300(5), F.A.C.]

REPORTING AND RECORDKEEPING

16. The owner or operator shall furnish to the Air Program of the Department's Southwest District written notification as follows:

(a) A notification of the date construction (or reconstruction as defined under 40 CFR 60.15) of an emission source subject to 40 CFR Subpart 000 is commenced postmarked no later than 30 days after such date.

(b) A notification of the anticipated date of initial startup of an emission source subject to 40 CFR Subpart 000 postmarked not more than 60 days nor less than 30 days prior to such date.

**PERMITTEE:**

Dixie Lime and Stone Co.  
Sumterville Mine

Permit No.: AC60-275111

Project: Limestone Processing  
Plant

**Specific Conditions:**

**DRAFT**

Specific Condition No. 16 continued:

(c) A notification of the actual date of initial startup of an emission source subject to 40 CFR Subpart 000 postmarked within 15 days after such date.

[Rule 62-204.800 F.A.C. & 40 CFR 60.7]

17. When an existing emissions source (one that is not subject to 40 CFR 60 Subpart 000) is replaced by a piece of equipment of equal or smaller size, as defined in 40 CFR 60.671, having the same function as the existing emission source, the emission source is exempt from the provisions of 40 CFR 60.672, Standard for Particulate Matter; 60.674, Monitoring of Operations; and 60.675, Test Methods and Procedures, but it is not exempt from any other requirements of Department rules or this permit. If the permittee replaces all existing emission sources in a production line with new emission sources, the new emission sources become subject to and must comply with 40 CFR 60 Subpart 000. *Prior to the replacement*, the permittee shall submit the information required by 40 CFR 60.676(a) and (b) to the Air Program of the Department's Southwest District. The requirements of 40 CFR 60.676(a) and (b) are given below.

[Rule 62-204.800 F.A.C. & 40 CFR 60.670(d)]

**60.676 Reporting and Recordkeeping.**

(a) Each owner or operator seeking to comply with [Specific Condition No. 20] shall submit to the Department the following information about the existing facility being replaced and the replacement piece of equipment.

- (1) For a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or rail car loading station:
  - (i) The rated capacity in tons per hour of the existing facility being replaced and
  - (ii) The rated capacity in tons per hour of the replacement equipment.
- (2) For a screening operation:
  - (i) The total surface area of the top screen of the existing screening operation being replaced and
  - (ii) The total surface area of the top screen of the replacement screening operation.
- (3) For a conveyor belt:
  - (i) The width of the existing belt being replaced and
  - (ii) The width of the replacement conveyor belt.

PERMITTEE:

Dixie Lime and Stone Co.  
Sumterville Mine

**DRAFT**

Permit No.: AC60-275111

Project: Limestone Processing  
Plant

Specific Conditions:

**60.676 Reporting and Recordkeeping. (continued)**

(4) For a storage bin:

(i) The rated capacity in tons of the existing storage bin being replaced and

(ii) The rated capacity in tons of replacement storage bins.

(b) Each owner or operator seeking to comply with [Specific Condition No. 20] shall submit the following data to the Department:

(1) The information described in 40 CFR 60.676(a).

(2) A description of the control device used to reduce particulate matter emissions from the existing facility and a list of all other pieces of equipment controlled by the same control device; and,

(3) The estimated age of the existing facility.

18. In order to document continuing compliance with Specific Condition Nos. 3 and 6 the permittee shall maintain the following records:

a) Daily hours of plant operation.

b) Daily limestone throughput.

c) Calculate on a monthly basis for each plant:

1) Average hourly throughput for the most recent month.

2) The total tons of throughput for the most recent consecutive 12 month period.

d) Each day of plant operation, log the following parameters regarding the watering of plant roads:

1) Time of water application by the water truck and the gallons applied.

2) Any maintenance performed on the water truck.

4) An explanation of why road watering was not performed, if applicable.

These records shall be recorded in a permanent form suitable for inspection by the Department upon request, and shall be retained for at least a two year period.

[Rule 62-4.070(3), F.A.C.]

19. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Department 60 days before the expiration of the permit.

[Rule 62-4.090, F.A.C.]

**PERMITTEE:**

Dixie Lime and Stone Co.  
Sumterville Mine

**Permit No.:** AC60-275111

**Project:** Limestone Processing  
Plant

**Specific Conditions:**

**DRAFT**

20. A request for an operation permit must be submitted to the Department at least 60 days prior to the expiration date of this construction permit. To properly request an operation permit, the permittee shall submit a cover letter, compliance test reports as required by this permit, and the records required in Specific Condition No. 18 for the latest 2 month period.

[Rules 62-4.220 and 62-4.070(3), F.A.C.]

FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION

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W.C. Thomas, P.E.  
District Air Administrator  
Southwest District

# DRAFT

## ATTACHMENT - GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in Subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

# DRAFT

## GENERAL CONDITIONS:

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

# DRAFT

## GENERAL CONDITIONS:

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD)
- Compliance with New Source Performance Standards (NSPS)

14. The permittee shall comply with the following:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- c. Records of monitoring information shall include:
  - the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the dates analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

# Certification

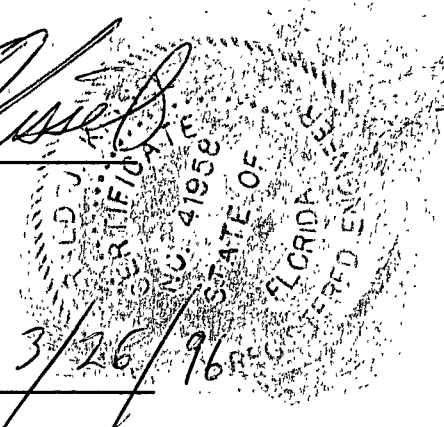
Application No. 275111; ARMS 1190001-001-AC

I HEREBY CERTIFY that the engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code 62-209 through 62-297. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological, and geological features).

\_\_\_\_\_  
(signed)



\_\_\_\_\_  
(date)

(seal)





MEMORANDUM

TO: Jerry Kissel, P.E., District Air Engineer   
FROM: Eric Peterson, Air Permit Engineer   
DATE: March 21, 1996  
SUBJECT: Dixie Lime and Stone Co.  
Intent to Issue (Non-Title V facility)  
Project: Limestone Processing Plant (NSPS Subpart 000)  
County: Sumter  
Permit No.: AC60-275111  
Waiver Expires: March 31, 1996  
Day 90: NA

From the information below, I recommend the Intent to Issue for Dixie Lime and Stone Co. be signed.

On July 28, 1995 the Department received from Dixie Lime and Stone Co., an after-the-fact air pollution construction and operation permit application for the above project. After receipt of additional information on November 03, 1995, the application was deemed complete. On December 21, 1995 the applicant's consultant (on the applicant's behalf) applied for a waiver so that a proposed new screening operation could be included in this permit. Day 90 was waived until March 31, 1996. Information for the screening operation was received on March 18, 1996.

The application was submitted as part of an industry-wide Consent Order agreement between the applicant and the Department. The Order recognizes that wet mining operations conducted at limestone processing plants emit minimal amounts of particulates. The limestone processing plant is subject to 40 CFR 60 Subpart 000, Standards of Performance for Nonmetallic Mineral Processing Plants.

The plant conducts mining and processing activities including drilling, blasting, crushing, conveying, stockpiling, and product loadout into haul trucks. PM/PM10 emissions are generated during these activities. The process equipment emissions are uncontrolled. Emissions are minimized by the wet nature of the mining operation (the mined rock is generally below the water table). Site roads are watered to minimize roadway emissions.

Several pieces of equipment which are subject to Subpart 000 are no longer in use. They have been listed in the permit, however, VE testing is not required until after reactivation.

The permit contains Subpart 000 limits on visible emissions for the limestone processing plant (10 or 15% opacity - depending on process type). Non-NSPS process sources and non-process operations are subject to reasonable precautions to prevent unconfined PM emissions and were given an indicator limit of 5% opacity.

Visible emissions tests are required for each piece of equipment subject to Subpart 000. The tests are 3 hours in duration. Other permit requirements include limits on hourly and consecutive 12 month throughput of crushed stone, recordkeeping, and reactivation notification.

The project does not trigger PSD or Title V permitting.

Technical Evaluation  
And  
Preliminary Determination  
For

**Dixie Lime and Stone Co.  
Sumterville Mine**

Sumterville  
Sumter County

Construction Permit Application Number

**AC60-275111**

Florida Department of Environmental Protection  
Southwest District  
Tampa, FL

Prepared by: Eric Peterson  
March 21, 1996

I. Project Description:

A. Applicant:

Mr. Joseph M. Stavola, President  
Dixie Lime and Stone Co.  
P.O. Box 1209  
Anthony, FL 32617

B. Engineer:

Steven C. Cullen, P.E.  
Koogler & Associates  
4014 NW 13th Street  
Gainesville, FL 32609

C. Project and Location:

The applicant has requested an after-the-fact construction permit and an operation permit for an existing limestone processing plant, as well as the construction of a new portable screening unit (a screen deck and 2 conveyor belts). Portions of the limestone processing plant are subject to 40 CFR 60 Subpart 000: Standards of Performance for Nonmetallic Mineral Processing Plants. The application was submitted as part of a Consent Order agreement (OGC Number 95-0776) with the Department.

The plant is located at the Sumterville Mine, Highway 470, Sumterville, in Sumter County.

D. Process and Controls:

Limestone is loosened from the quarry by drilling/blasting and it is then fed into a portable impact crusher (capacity is 1000 TPH for the Cedar Rapids crusher and 700 TPH for the Hewitt Robbins crusher). The crushed stone is transported by conveyor belts or front-end loaders to stockpiles, screening operations, or a storage bin. Screened stone is transported by conveyor belts to stockpiles. Haul trucks are loaded by front-end loaders from stockpiles or directly from the storage bin. Currently, the Hewitt Robbins crusher, its associated conveyor belts (2), and its vibratory feeder are inactive.

The mining and processing of limestone results in PM/PM10 emissions. Process PM/PM10 emission sources include 2 crushers, 4 screening operations (1 of which is to be constructed), 11 conveyor belts (2 of which are to be constructed), 2 hoppers, and a storage bin. Non-process fugitive emission sources include blasting, drilling, roadways, stockpiles, and truck loadout.

The process emissions are unconfined and are uncontrolled. The emissions are inherently minimized by the wet nature of the mining operation. Fugitive roadway emissions generated by hauling operations are the largest potential source of PM emissions. The precautions taken to prevent these emissions are: the plant haul roads are sprayed by water, the plant exit road is paved, and the plant-wide speed limit is 15 mph.

E. Application Information:

Received on: July 28, 1995  
Application Complete: November 03, 1995  
Original Day 90: February 1, 1996  
Waiver applied for: December 21, 1996  
Waiver Expires: March 31, 1996

II. Rule Applicability

This project is subject to the preconstruction review requirements of Chapter 403, Florida Statutes and Chapters 62-210 through 62-297, Florida Administrative Code (F.A.C.).

This project is not subject to the requirements of Rule 62-212.400, Prevention of Significant Deterioration, F.A.C. or Rule 62-212.500, New Source Review for Nonattainment Areas, F.A.C.

This project is subject to the requirements of Rule 62-212.300, Sources Not Subject to Prevention of Significant Deterioration or Nonattainment Requirements, F.A.C., since the project is not exempt from general permitting requirements.

This project is subject to the requirements of Rule 62-296.310, General Particulate Emission Limiting Standards, F.A.C., since the project is a source of unconfined process and non-process particulate matter emissions.

This project is subject to the requirements of Rule 62-296.320, General Pollutant Emission Limiting Standards, F.A.C., since it could be source of odors.

This project is not subject to the requirements of Rule 62-296.700, Reasonably Available Control Technology, F.A.C., since it is located outside the area of influence of the Hillsborough County particulate nonattainment area.

This project is subject to the requirements of Rule 62-296.800, Standards of Performance for New Stationary Sources, F.A.C., specifically, 40 CFR 60 Subpart 000: Standards of Performance for Nonmetallic Mineral Processing Plants.

This project is not subject to the requirements of Rule 62-296.810, National Emission Standard for Hazardous Air Pollutants, F.A.C., since there is no source category.

### III. Summary of Emissions

#### Potential Emissions (TPY)

<u>PM/PM10</u>	<u>SO2</u>	<u>NOx</u>	<u>CO</u>	<u>VOC</u>
17.5/3.0	---	---	---	---

A portion of the existing process emission sources are subject to 40 CFR Subpart 000 emission limits, as is the new construction authorized in the permit. These limits are: VE from affected crushers - limited to 15% opacity, VE from other affected sources - limited to 10% opacity. PM limits do not apply, since emissions are not vented through stacks or ducts. Testing for visible emissions shall be in accordance with EPA Method 9, except as allowed in Subpart 000. Initial compliance tests for NSPS sources are three hours in duration (3 one-hour runs). For existing sources, the tests are to be conducted within 60 days of issuance of the construction permit. If the inactive sources are reactivated, the tests are to be conducted within 30 days of reactivation. Newly constructed sources must be tested within 60 days after achieving the maximum production rate at which they will be operated, but not later than 180 days after their initial startup.

Non-NSPS process sources and non-process fugitive emission sources are subject to the reasonable precautions of Rule 62-296.320(3) - Unconfined Emissions of Particulate Matter. A 5% opacity *indicator* limit has been established for these sources.

The throughput of limestone is limited to 5,000,000 tons per 12 consecutive months and 1000 TPH for the Cedar Rapids crusher, 700 TPH for the Hewitt Robbins crusher, and 1700 tons per hour total.



### IV. Conclusions

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

### V. Proposed Agency Action

Pursuant to Section 403.087, Florida Statutes and Section 62-4.07, 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).

MEMORANDUM

TO: Jerry Kissel, P.E., District Air Engineer   
FROM: Eric Peterson, Air Permit Engineer   
DATE: April 30, 1996  
SUBJECT: Dixie Lime and Stone Co.  
Sumterville Mine  
Final Issuance Memo  
Project: Limestone Processing Plant  
County: Sumter  
Permit No.: AC60-275111  
ARMS Reference No.: 1190019-001-AC

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The Public Notice was published on April 18, 1996 and no comments have been received to date. I have reviewed the Proof of Publication and all is in order.

I have added the ARMS Reference No. to the first page of the draft permit.

I recommend issuance of this final permit, which, except for the above change, is identical to the draft permit approved by this office as part of the Notice of Intent package.