

Lawton Chiles  
Governor

# Department of Environmental Protection

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

**PERMITTEE:**

Florida Crushed Stone Co.  
P.O. Box 490300  
Leesburg, FL 34749-0300

**Permit No.:** 1190017-004-AC

**Effective Date:** 02/10/99

**Expiration Date:** 01/15/00

**Project:** Add Conveyor and Hopper

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-204 through 297, and Chapter 62-4. 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 permit allows the construction of a bi-directional belt conveyor and a top-off hopper at the previously permitted St. Catherine Mine limestone processing plant. It also allows an increase in the plant's annual crushed limestone production from 1,000,000 to 2,000,000 tons per year. The new equipment will be installed at the loadout section of the plant.

Stockpiled crushed limestone is loaded onto an existing belt conveyor by a front end loader. The limestone is then transferred to the bi-directional belt conveyor. The crushed limestone is conveyed to either the new or existing top-off hopper for loadout to commercial haul trucks. The bi-directional belt conveyor and top-off hopper are not equipped with particulate matter control equipment, however the limestone retains sufficient moisture such that emissions are negligible.

The belt conveyor and top-off hopper are subject to 40 CFR 60 Subpart OOO, *Standards of Performance for Nonmetallic Mineral Processing Plants*.

**Location:** St. Catherine Mine, Highway 673, St. Catherine, Sumter Co.

**UTM:** 17-385.6 E 3164.4 N

**FACILITY ID NO.:** 1190017

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

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

**Permit History:** No prior air pollution permits for the new equipment.

**Reference:** This permit supplements Permit No. 1190017-001-AO (the current operation permit) and modifies Permit No. 1190017-002-AC (the original construction permit) for the limestone processing plant.

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Florida Crushed Stone Co.  
St. Catherine Mine

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**Specific Conditions:**

1. A part of this permit is the attached 15 General Conditions.  
[Rule 62-4.160, F.A.C.]
2. All applicable rules and design discharge limitations specified in the application must be adhered to. The permit holder may also need to comply with county, municipal, federal, or other state regulations.  
[Rule 62-210.300, F.A.C.]
3. Pursuant to Rule 62-204.800, F.A.C., the permittee is subject to 40 CFR 60 Subpart OOO and the general provisions of 40 CFR 60 Subpart A, where applicable.

**OPERATION LIMITATIONS**

4. The limestone processing plant is allowed to operate continuously, i.e., 8,760 hours/year.  
[Rule 62-210.200(PTE), F.A.C.]
5. The maximum permissible throughput (as determined by loadout receipts) of the limestone processing plant is 500 tons per hour (monthly average basis) and 2,000,000 tons per consecutive 12-month period.  
[Rule 62-210.200(PTE), F.A.C.; Construction Permit Application Received December 21, 1998]  
*Permitting Note: Recordkeeping for plant's limestone throughput is required in Permit No. 1190017-002-AO.*

**EMISSION LIMITATIONS**

6. The affected emission sources identified below are subject to the following visible emissions limits set forth in 40 CFR 60 Subpart OOO, except as noted on Specific Condition No. 6.(b).  
  
(a) Fugitive particulate matter emissions shall not be greater than 10 percent opacity from **any** transfer point on belt conveyors (does not include drops to stockpiles) or from any other affected emission source, as identified on below: [Note: E.P. = Emission Point]

**Subpart OOO Emission Sources-10 Percent Visible Emissions Limit**

Identifier	Manufacturer	Size	E.P. No.
Belt Conveyor #4 (bi-directional)	in-house fabrication	30" wide	7
Top-Off Hopper #13	in-house fabrication	100 tons capacity	8

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(b) Truck dumping of nonmetallic minerals into any screening operation, feed hopper, or crusher is exempt from the requirements of Specific Condition No. 6(a).

[40 CFR 60.672]

*Permitting Note: Reasonable precautions to prevent emissions of unconfined particulate matter are included in Permit No. 1190017-001-AO.*

**COMPLIANCE TESTING REQUIREMENTS**

7. Tests Required. To determine compliance with Specific Condition No. 6, upon construction of the belt conveyor and the top-off hopper, visible emissions testing shall be conducted 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)]

8. Test Notification. The owner or operator shall notify the Air Compliance Section of the Department's Southwest District (DEP-SWD) 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.

[40 CFR 60.8(d)]

9. If, after 30 days notice for an initially scheduled visible emissions test, there is a delay (due to operational problems, etc.) in conducting the test, the permittee shall notify the Air Compliance Section of the DEP-SWD at least 7 days prior to any rescheduled test.

[40 CFR 60.675(g)]

10. Test Methods. (a) The visible emission testing for the sources identified in Specific Condition No. 6 shall be conducted using EPA Method 9 and the procedures of 40 CFR 60.11, with the following additions:

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

(2) 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.

(b) The permittee may use the following as alternatives to the reference methods and procedures specified in Specific Condition No. 10(a):

(1) 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:

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- (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.

[40 CFR 60.675(2)]

**11. Test Duration.** When determining compliance with the visible emissions standard of Specific Condition No. 6., the duration of the Method 9 observations may be reduced from 3 hours to 1 hour only if the following conditions apply:

- (1) There are no individual readings greater than 10% opacity during the first 1-hour period; and
- (2) There are no more than 3 readings of 10% opacity during the first 1-hour period.

[40 CFR 60.675(3)]

**12. Test Operation Rate.** 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 (500 tons/hour, measured using bucket loads to the belt conveyor preceding belt conveyor #4).

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

**13. Test Report.** The permittee of an air pollution emissions unit, for which compliance tests are required, shall file a report with the Air Program of the DEP-SWD on the results of each such test. The required test report shall be filed 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 conveyor/top-off hopper operation rate during each test run.

[Rule 62-297.310(8), F.A.C.]

**14. 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)(b), F.A.C.]

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**Specific Conditions:**

**REPORTING AND RECORDKEEPING REQUIREMENTS**

**15. Construction Notification.** A written notification of the date construction of an affected emissions source is commenced postmarked no later than 30 days after such date shall be submitted to the Department.

[40 CFR 60.7(a)]

**16. Startup Notification.** A notification of the actual date of initial startup of each affected emissions source shall be submitted to the Air Compliance Section of the DEP-SWD. For a combination of affected emissions sources in a production line that begin actual initial startup on the same day, a single notification of startup may be submitted by the owner or operator to the Administrator. The notification shall be postmarked within 15 days after such date and shall include a description of each affected emissions source, equipment manufacturer, and serial number of the equipment, if available.

[40 CFR 60.676(i)]

**17. Permit Extension.** The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Air Permitting Section of the DEP-SWD 60 days before the expiration of the permit.

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

**18. Operation Permit.** A request for an operation permit must be submitted to the Air Permitting Section of the DEP-SWD at least 90 days prior to the expiration date of this construction permit.

To properly request an operation permit, the permittee shall submit:

- (a) A completed DEP "Short Form" Application (Form 62-210.900(2), F.A.C.).
- (b) A copy of the test report required in Specific Condition No. 13, unless previously submitted.
- (c) The appropriate operation permit amendment fee pursuant to Rule 62-4.050(4)(a), F.A.C.

[Rules 62-4.070(3) & 62-210.300(2), F.A.C.]

FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION



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

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 (F.S.). 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 this permit.

4. Not applicable to Air Permits.

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 and used by the permittee to achieve compliance with the conditions of this permit, are 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 reasonable times, access to the premises where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under conditions of the permit;

GENERAL CONDITIONS:

- 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 reasonable 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 noncompliance; and
- b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to educe, eliminate, and prevent recurrence of the noncompliance. 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 Section 403.111 and 403.73, 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 Rule 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.

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

GENERAL CONDITIONS:

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:

1. the date, exact place, and time of sampling or measurements;
2. the person responsible for performing the sampling or measurements;
3. the dates analyses were performed;
4. the person responsible for performing the analyses;
5. the analytical techniques or methods used;
6. 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 the 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.

16. Not applicable to Air Permits.

17. Not applicable to Air Permits.





Jeb Bush  
Governor

# Department of Environmental Protection

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

David B. Struhs  
Secretary

## NOTICE OF PERMIT ISSUANCE

In the Matter of an Application  
for Permit by:

Mr. Dennis C. Kenney, P.G.,  
Florida Crushed Stone Company  
Director of Technical Services  
P.O. Box 490300  
Leesburg, FL 34749-0300

DEP Permit No.: 1190017-004-AC  
County: Sumter

Enclosed is Permit Number 1190017-004-AC for the construction of belt conveyor and top-off hopper, issued pursuant to Section 403.087, Florida Statutes.

Any party to this Order (permit) has the right to seek judicial review of the permits pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Notice is filed with the Clerk of the Department.

Executed in Tampa, Florida.

Sincerely,

Eric Peterson, P.E.  
Air Permitting Engineer

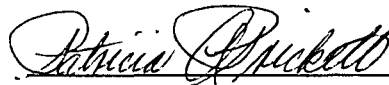
cc: Mr. Steven C. Cullen, P.E., Koogler & Associate

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before the close of business on FEB 16 1999 to the listed persons.

Clerk Stamp

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



(Clerk)

FEB 16 1999

(Date)