

ENVIRONMENTAL PROTECTION COMMISSION OF
HILLSBOROUGH COUNTY, as Delegated by

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF PERMIT ISSUANCE

CERTIFIED MAIL

Mark Davis
Area Operations Manager
Carmeuse Lime & Stone, Inc.
Longview Division
P.O. Box 37
Saginaw, AL 35137

File No.: 0570150-007-AO
County: Hillsborough

Enclosed is Permit Number 0570150-007-AO to operate a quicklime unloading, storage and handling facility, Tampa Terminal, located at 6617 Old US Highway 41, Tampa, FL 33619, issued pursuant to Section 403.087, Florida Statutes. Please read this new permit thoroughly as there are changes from the previous permit.

The EPC will issue the final permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Section 120.569 and 120.57 F.S. before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Legal Department of the EPC at 3629 Queen Palm Dr, Tampa, Florida 33619, Phone 813-627-2600, Fax 813-627-2602. 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 persons other than those entitled to written notice under Section 120.60(3), F.S. must be filed within 14 (fourteen) days of receipt of this permit. Under Section 120.60(3),

however, any person who asked the EPC for notice of agency action may file a petition within 14 (fourteen) days of receipt of that notice, regardless of the date of publication.

A petitioner shall 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 28-106.205 of the F.A.C.

A petition that disputes the material facts on which the EPC's action is based is required to 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 and the name, address, and telephone number of each petitioner's representative, if any, which shall be the address for service purposes during the course of the proceedings; and an explanation of how the petitioner's substantial interests will be affected by the EPC's determination;
- (c) A statement of how and when the petitioner received notice of the EPC 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, including the specific facts the petitioner contends warrant reversal or modification of the EPC's proposed action;
- (f) A statement of specific rules or statutes that the petitioner contends requires reversal or modification of the EPC's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the EPC to take with respect to the EPC's proposed action.

A petition that does not dispute the material facts upon which the EPC'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.

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

Mediation under section 120.573, F.S. is not available in this proceeding.

This action is final and effective on the date filed with the Clerk of the EPC unless a petition is filed in accordance with above. Upon the timely filing of a petition, this order will not be effective until further order of the EPC.

Any person listed below may request to obtain additional information, a copy of the application (except for information entitled to confidential treatment pursuant to Section 403.111, F.S.), all relevant supporting materials, and all other materials available to the EPC that are relevant to the permit decision. Interested persons may contact Diana M. Lee, P.E., at the above address or call (813) 627-2600, for additional information.

Any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes, by filing a notice of appeal under rule 9.110 of the Florida rules of Appellate Procedure with the EPC's Legal Office at 3629 Queen Palm Dr, Tampa, Florida 33619 and with the clerk of the Department of Environmental Protection in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, 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 must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Tampa, Florida

ENVIRONMENTAL PROTECTION
COMMISSION OF HILLSBOROUGH COUNTY

Richard D. Garrity, Ph.D.
Executive Director

RDG/KRZ/krz

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before the close of business on _____ to the listed persons.

FILING AND ACKNOWLEDGEMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the clerk, receipt of which is hereby acknowledged.

Clerk

Date

PERMITTEE:
Carmeuse Lime & Stone, Inc.
Longview Division
P. O. Box 37
Saginaw, AL 35137

PERMIT/CERTIFICATION
Permit No: 0570150-007-AO
County: Hillsborough
Expiration Date: 12/04/2018
Project: Quicklime Handling Operation

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 62-204, 62-210, 62-212, 62-296, 62-297, and 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 EPC and made a part of hereof and specifically described as follows:

The operation at the Carmeuse Tampa Terminal consists of a quicklime unloading, handling, and storage system. Railcars containing quicklime are unloaded into a receiving pit located under the railroad tracks at a maximum rate of 30 ton/hr. The quicklime is then transferred by two (2) enclosed screw conveyors to an enclosed bucket elevator and lifted into either storage Silo #1 or Silo #2. The two silos are interconnected by an enclosed auger screw conveyor. A manually controlled switch box diverts the flow of quicklime from one silo to the other. The two silos cannot be loaded simultaneously. There are two truck loading stations designated as Silo #1 Truck Loading Station and Silo #2 Truck Loading Station. Each truck loading station is located directly below Silos #1 and #2, respectively, which operate at a maximum process rate of 100 tph, each.

The particulate matter (PM) emissions generated from the railcar unloading operation are controlled by the use of a partial enclosure including a portable skirting. The PM emissions generated from the natural volume displacement resulting from the filling of Silo #1 and Silo #2 are controlled by a 1,000 acfm Dust Control and Loading (DCL) Systems, Inc., dust collector (Model VMV185-114), which is located on the top of Silo #1. In addition, the facility also has the capability to load pneumatically to either silo from delivery trucks. The maximum air flow rate at 12 psig for the pneumatic truck offloading of quicklime to the silos is approximately 750 dscfm.

The PM emissions generated from the truck loading operation are controlled by two Dust Control and Loading (DCL) System, Inc., telescoping dust collectors, one at each truck loading station. The DCL telescoping dust collector system consists of a 2,000 acfm DCL Pulse Jet Compact Filter Module (Model CFM-330) at Silo #1, and a 2,000 acfm DCL Bulk Loading Spout (Model UN800EV-04) at Silo #2. The quicklime loaded into enclosed trucks is then transported to customers off-site.

Location: 6617 Old US Highway 41A, Tampa, FL 33619

UTM: 17-362.9 E 3084.7 N NEDS NO: 0150

Point ID: 002 - Silo (#1 or #2) Loading
 006 - Railcar Unloading Pit (Portable Skirting)
 007 - Silo #1 Truck Loading Station
 008 - Silo #2 Truck Loading Station

Replace Permit No.: 0570150-006-AO

Reference Permit No.: 0570150-005-AC

PERMITTEE:
Carmeuse Lime & Stone, Inc.
Tampa Terminal

PERMIT/CERTIFICATION NO.: 0570150-007-AO
PROJECT: Quicklime Handling Operation

SPECIFIC CONDITIONS:

1. A part of this permit is the attached General Conditions. [Rule 62-4.160, F.A.C.]
2. All applicable rules of the Environmental Protection Commission of Hillsborough County including design discharge limitations specified in the application shall be adhered to. The permit holder may also need to comply with county, municipal, federal, or other state regulations prior to construction. [Rule 62-4.070(7), F.A.C.]
3. Issuance of this permit does not relieve the permittee from complying with applicable emission limiting standards or other requirements of Chapters 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C., or any other requirements under federal, state, or local law. [Rule 62-210.300, F.A.C.]
4. In order to limit the potential to emit and exempt the facility from PM RACT, the maximum particulate matter (PM) emissions from the silo loading (EU 002) and truck loading (EU 007 and 008) operations shall not exceed 0.02 gr/dscf, and the facility-wide PM PTE shall not exceed 14.4 TPY. [Rule 62-296.700(2)(a), F.A.C. and Permit No. 0570150-005-AC].
5. Visible emissions from the railcar unloading, silo loading, and truck loading shall not exceed 5% opacity. [Rule 62-4.070(1), F.A.C. and Chapter 1-3.52.2, Rules of the EPC and Permit No. 0570150-005-AC]
6. To ensure compliance with the emission limitations in Specific Condition Nos. 4 and 5, the following restrictions and terms shall apply: [Rule 62-4.070(3), F.A.C., Rule 62-210.650, F.A.C., and Permit Nos. 0570150-003/005-AC]
 - A) Maximum railcar or truck unloading rate into either silo: 30 tons/hr;
 - B) Maximum annual throughput: 83,500 tons/12-consecutive month period;
 - C) Maximum operating hours for the railcar unloading/silo filling operations: 6,000 hrs/12-consecutive month period;
 - D) The pneumatic truck unloading of quicklime into either silo is limited to 12 psig air pressure;
 - E) Maximum truck loading rate at each truck loading station: 100 ton/hr;
 - F) Maximum operating hours at Silo #1 Truck Loading Station: 6,000 hr/12-consecutive month period;
 - G) Maximum operating hours at Silo #2 Truck Loading Station: 2,496 hr/12-consecutive month period.
7. 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.]
8. Test EU 002, EU 006, EU 007 and EU 008, at the point of highest opacity, for visible emissions once per federal fiscal year (October 1 – September 30) with a target date of August 29th. The EPA Method 9 test observation period shall be thirty (30) minutes in duration. Two copies of each test data shall be submitted to the Air Management Division of the Environmental Protection Commission of Hillsborough County

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within 45 days of testing. Testing procedures shall be consistent with the requirements of Rule 62-297.310, F.A.C.

9. Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 90-100% of rated capacity of 30 ton/hr maximum railcar unloading and silo loading rate, as well as 100 ton/hr maximum truck loading rate at each truck loading station. If it is impracticable to test at capacity, then the source may be tested at less than capacity; in this case subsequent source operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than fifteen days for purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the EPC. Failure to submit the input rates and truck unloading delivery pressure may invalidate the test. [Rules 62-4.070(3) and 62-297.310, F.A.C.]

10. The permittee shall notify the Air Compliance Section of the Environmental Protection Commission of Hillsborough County 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 contact person who will be responsible for coordinating and having such test conducted. [Rule 62-297.310(7)(a)9., F.A.C.]

11. Compliance with the emission limitations of Specific Condition Nos. 4 and 5 shall be determined using EPA Methods 1, 2, 4, 5, and 9 contained in 40 CFR 60, Appendix A and adopted by reference in Rule 62-297, F.A.C. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 62-297, F.A.C. and 40 CFR 60, Appendix A.

12. Should the Environmental Protection Commission, after investigation, have good reason (such as complaints, increased visible emissions, or questionable maintenance of control equipment) to believe that any applicable emission standard contained in this permit, state, or local 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. [Rule 62-297(7)(b), F.A.C.]

13. In order to demonstrate compliance with Specific Condition No. 6, the permittee shall maintain records of operation for the previous three (3) years. The records shall be made available to the Environmental Protection Commission of Hillsborough County, state, or federal air pollution agency upon request. The records shall include, but are not limited to the following: [Rule 62-4.160(14)(b), F.A.C.]

- A) Date and Month;
- B) Hours of operation for the silo loading and each truck loading station (daily and monthly);
- C) Amount of quicklime unloaded from railcars (tons/day and tons/month);
- D) Rolling twelve month total of Item B) thru C)(tons).

14. All reasonable precautions shall be taken to prevent emissions of unconfined particulate matter. Reasonable precautions and good housekeeping practices should be exercised at all times. Reasonable

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precautions include the following: [Rule 62-296.320(4)(c), F.A.C.]

- 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, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
- D) Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent re-entrainment, and from buildings or work areas to prevent particulate from becoming airborne.
- E) Landscaping or planting of vegetation.
- F) Enclosure or covering of conveyor systems.

15. Emissions control equipment shall be maintained in good repair to perform adequately the function for which it was intended. Maintenance shall include but is not limited to bi-weekly inspections and replacement or repair of faulty equipment when necessary.

[Rules 62-4.070(3), F.A.C. and Air Operation Permit No. 0570150-004-AO]

16. The permittee must submit to the Environmental Protection Commission of Hillsborough County each calendar year, a completed DEP Form 62-210.900(5), "Annual Operating Report (AOR) for Air Pollutant Emitting Facility", for the preceding calendar year. The AOR shall be submitted by April 1 of the following year. [Rule 62-210.370(3), F.A.C.]

17. The permittee shall provide timely notification to the Environmental Protection Commission of Hillsborough County prior to implementing any changes that may result in a modification to this permit pursuant to Rule 62-210.200, F.A.C., Modification. The changes do not include normal maintenance, but may include, and are not limited to, the following, and may also require prior authorization before implementation: [Rules 62-210.300 and 62-4.070(3), F.A.C.]

- A) Alteration or replacement of any equipment or major component of such equipment.
- B) Installation or addition of any equipment which is a source of air pollution.

18. Prior to sixty days before the expiration of this operating permit, the permittee shall apply for a renewal of the permit using the current version of the permit renewal application form. A renewal application shall be timely and sufficient. If the application is submitted prior to sixty days before the expiration of the permit, it will be considered timely and sufficient. If the renewal application is submitted at a later date, it will not be considered timely and sufficient unless it is submitted and made complete prior to the expiration of the operation permit. When the application for renewal is timely and sufficient, the existing permit shall remain in effect until the renewal application has been finally acted upon by the EPC or, if there is court review of the final agency action, until a later date is required by Section 120.60, Florida Statutes. [Rule 62-4.090, F.A.C.]

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