

TECHNICAL EVALUATION
AND
PRELIMINARY DETERMINATION
FOR

Carmeuse Lime & Stone, Inc.

Hillsborough County

Construction Permit

Application Number

0570150-005-AC

Environmental Protection Commission of

Hillsborough County

Tampa, FL

August 16, 2010

I. Project Description

A. Applicant: Robert Picou
Vice President – Longview Operations
Carmeuse Lime & Stone, Inc.
P.O. Box 37
Saginaw, AL 35137

B. Engineer: Cory A. Houchin, P.E.
Environmental Sciences Group, Inc.
P.O. Box 7495
Tampa, FL 33673

C. Project and Location:

This project is for the modification of the quicklime unloading operation at the Carmeuse Lime & Stone, Inc. Tampa terminal. The facility requested to replace their aging 280 ACFM Portec DFB-4 baghouse mounted on Silo No. 1 with a Dust Control and Loading Systems, Inc., Model VMV185-114 pulse cleaning dust collector. The replacement dust collector is capable of handling up to 1,000 ACFM and contains four (4) cartridges. PM emissions generated from natural displacement during the filling of either Silo No. 1 or Silo No. 2 will be controlled by the new dust collector. Also, the PTE for the Truck Loading dust collectors was revised based on the manufacturer's guarantee of 0.02 gr/dscf.

The project has been assigned the following NEDS Source Classification Code No.: 3-05-104-05 for bulk material unloading operations. The Standard Industrial Code for the project is No. 50. The project is located at 6617 Old US Highway 41A in Tampa, FL 33619. UTM Coordinates of the location are 17-362.9 E and 3084.7 N.

D. Process and Controls:

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 and transferred by two (2) enclosed screw conveyors to the bottom of a bucket elevator. Lime is lifted in the bucket elevator and conveyed 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 quicklime from one silo to the other. The two silos can not be loaded simultaneously. The particulate matter (PM) emissions generated from the railcar unloading operation are controlled by partial enclosure including portable skirting and the PM emissions from the silo filling are currently controlled by a 280 ACFM Portec DFB-4 baghouse mounted on Silo #1.

The PM emissions from the silo filling operation generated by natural displacement and pneumatic truck unloading will be controlled with a new Dust Control and Loading

Systems, Inc., Model VMV185-114 pulse cleaning dust collector mounted on Silo No. 1. The replacement dust collector is capable of handling up to 1,000 ACFM and contains four (4) cartridges with an air-to-cloth ratio of 5.4:1. Based on the truck blower performance curve provided by Carmeuse on August 13, 2010, the maximum pneumatic air flow rate from the truck blower into the silos is 750 DSCFM at 12 psig.

The PM emissions from the gravity loading of the delivery trucks 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 DCL Pulse Jet Compact Filter Module Model CFM-330 at Silo #1, and a DCL Bulk Loading Spout Model UN800EV-04 at Silo #2. The loadout chute at each DCL dust collector has been fitted with a telescoping, 2,000 acfm pulse jet cleaning collection system containing seven (7) cartridges.

According to the specifications provided by the manufacturer, the DCL dust collector has a minimum 99.9% control efficiency, and the outlet grain loading will not exceed 0.02 grains per cubic foot. The PM PTE for this project is estimated to be 0.39 TPY using a grain loading of 0.02 gr/dscf. Also, the PTE for the Truck Loading dust collectors was revised based on the manufacturer's guarantee of 0.02 gr/dscf. The revised facility-wide PM PTE is 14.37 TPY.

E. Application Information:

Received on: May 25, 2010

Application Completed: June 24, 2010

II. Rule Applicability

This project is subject to the preconstruction review requirements of Chapter 403, Florida Statutes, Chapters, 62-204, 62-210, 62-212, 62-296, and 62-297, Florida Administrative Code (F.A.C.) and Chapter 1-3 of the Rules of the Environmental Protection Commission of Hillsborough County.

This project is subject to the requirements of Rule 62-212.300, General Preconstruction Review Requirements, F.A.C., since the project is a proposed construction and modification of the facility for which an air construction permit is required.

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, Preconstruction Review for Nonattainment Areas, F.A.C., since the facility is minor by state definition.

This project is not subject to the requirements of Rule 62-213, Operation Permits for Major Sources of Air Pollution, F.A.C., since the facility is a Non-Title V Source by state definition.

This project is subject to the requirements of Rule 62-296.320, General Pollutant Emission Limiting Standards, F.A.C., since the facility is a source of particulate matter emissions and visible emissions.

This project is not subject to the requirements of Rule 62-296.401, through 62-296.417, Specific Emission Limiting and Performance Standards, F.A.C., since there is no applicable source specific category in this rule.

This project is not subject to the requirements of Rule 62-296.500, Volatile Organic Compounds and Nitrogen Oxides Reasonably Available Control Technology, F.A.C., since there is no applicable source specific category in this rule.

This project is not subject to the requirements of Rule 62-296.600, Lead Reasonably Available Control Technology, F.A.C., since there is no applicable source specific category in this rule.

This project is not subject to the requirements of Rule 62-296.700, Particulate Matter Reasonably Available Control Technology, F.A.C., since the facility is limited to less than 5 lb/hr and 15 TPY of particulate matter.

This project is not subject to the requirements of Rule 62-204.800, Federal Regulations Adopted by Reference, F.A.C., since there is no applicable source specific category in this rule.

This project is subject to the requirements of Chapter 84-446, Laws of Florida and Chapter 1-3, Rules of the Environmental Protection Commission of Hillsborough County.

III. Summary of Emissions

Emission Units	Actual ⁽¹⁾ PM (TPY)	PTE ⁽²⁾ PM (TPY)	Increase PM (TPY)	Allowable (gr/dscf)
EU 002 Silo (#1 or #2) Loading	0.08	0.39	0.31	0.02
EU 006 Railcar Unloading Pit	3.66	12.53	8.87	n/a
EU 007 Silo #1 Truck Loading	0.22	1.03 ⁽³⁾	0.81	0.02
EU 008 Silo #2 Truck Loading	0.23	0.43 ⁽³⁾	0.20	0.02
TOTAL	4.19	14.37	10.18	n/a

⁽¹⁾ Actual PM emissions are based on the average of 2007, 2008, and 2009 AORs.

⁽²⁾ The PTE for EU 002 is based on 0.02 gr/dscf per the manufacturer's guarantee and the maximum truck blower air flow rate at 12 psig (750 DSCFM), according to the blower performance curve provided by the facility via e-mail on August 13, 2010.

⁽³⁾ The PTE for EU 007 and 008 is based on 0.02 gr/dscf per the manufacturer's guarantee and an air flow rate of 2,000 DSCFM.

Inventory of Title III pollutants is estimated to be less than 10 TPY (none) individually and less than 25 TPY (none) collectively.

IV. Conclusions:

The emission limits proposed by the applicant will meet all of the requirements of Chapters 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C., and Chapter 1-3, Rules of the Commission.

The General and Specific Conditions listed in the proposed permit (attached) will assure compliance with all the applicable requirements of Chapters 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C.

V. Proposed Agency Action:

Pursuant to Section 403.087, Florida Statutes and Rule 62-4.070, Florida Administrative Code the Environmental Protection Commission of Hillsborough County 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).

COMMISSION
Kevin Beckner
Rose V. Ferlita
Ken Hagan
Al Higginbotham
Jim Norman
Mark Sharpe
Kevin White



Roger P. Stewart Center
3629 Queen Palm Dr. • Tampa, FL 33619
Ph: (813) 627-2600

Fax Numbers (813):
Admin. 627-2620 Waste 627-2640
Legal 627-2602 Wetlands 627-2630
Water 627-2670 ERM 627-2650
Air 627-2660 Lab 272-5157

Executive Director
Richard D. Garrity, Ph.D.

CERTIFIED MAIL

In the Matter of an
Application for Permit by:

File No.: 0570150-005-AC
County: Hillsborough

Robert Picou
Vice President – Longview Operations
Carmeuse Lime & Stone, Inc.
P.O. Box 37
Saginaw, AL 35137

INTENT TO ISSUE

The Environmental Protection Commission of Hillsborough County (EPC), as delegated by the Florida Department of Environmental Protection (DEP) 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, Robert Picou, Vice President – Longview Operations, Carmeuse Lime & Stone, Inc., applied on May 25, 2010 to the EPC to replace their aging Portec baghouse with a 1,000 ACFM Dust Control and Loading Systems, Inc., (DCL) Model VMV185-114 pulse cleaning dust collector. The dust collector will control emissions from the two silo loading operation. The maximum silo loading rate (tph) and maximum operating hours (hr/yr) will remain the same as currently permitted. Also, the PTE for the Truck Loading dust collectors was revised based on the manufacturer's guarantee of 0.02 gr/dscf. The facility is located at 6617 Old US Highway 41A in Tampa, FL 33619.

The EPC has permitting jurisdiction under Chapter 403 Florida Statutes (F.S.) and Florida Administrative Code (F.A.C.) Chapters 62-4 and 62-210. The project is not exempt from permitting procedures. The EPC has determined that an air pollution construction permit is required to commence or continue operations at the described facility.

The EPC intends to issue this permit based on the belief that reasonable assurances have been provided to indicate that operation of the source will comply with the appropriate provisions of Florida Administrative Code (F.A.C.) Chapters 62-204 through 62-297 and 62-4.

www.epchc.org

E-Mail: epcinfo@epchc.org

AN AFFIRMATIVE ACTION - EQUAL OPPORTUNITY EMPLOYER

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Pursuant to Section 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 Notice of Intent to Issue Permit. The notice shall be published one time as soon as possible, in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of this rule, "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 EPC at the address or telephone number listed below. **The applicant shall provide proof of publication to the EPC, Air Permitting Section, at 3629 Queen Palm Drive, Tampa, Florida 33619 (Phone 813-627-2600 - FAX 813-627-2660) 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 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 Drive, 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 publication of the public notice or within 14 (fourteen) days of receipt of this notice of intent, whichever occurs first. 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, F.A.C.

A petition that disputes the material facts on which the EPC'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 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 the petitioner contends requires reversal or modification of the EPC's proposed action; 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, F.A.C.

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 of intent. 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.

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, FL 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 by 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 the 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

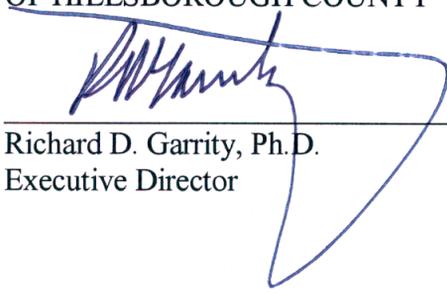
such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of United States Environmental Protection Agency and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

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 Drive, 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

cc: Cory A. Houchin, P.E. – Environmental Science Group, Inc.
Florida Department of Environmental Protection, Southwest District (via email)

CERTIFICATE OF SERVICE

The undersigned duly designated clerk hereby certifies that this INTENT TO ISSUE and all copies were mailed by certified mail before the close of business on August 16, 2010 to the listed persons.

FILING AND ACKNOWLEDGEMENT

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

Jannette Legair 8-16-10
clerk Date

ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY
NOTICE OF INTENT TO ISSUE PERMIT

The Environmental Protection Commission of Hillsborough County (EPC), as delegated by the Florida Department of Environmental Protection (DEP) gives notice of its intent to issue air pollution Permit No. 0570150-005-AC to Carmeuse Lime & Stone, Inc., Tampa terminal to replace their aging baghouse with a 1,000 ACFM Dust Control and Loading Systems, Inc. (DCL) Model VMV185-114 pulse cleaning dust collector. The dust collector will control emissions from the two silo loading operation. The maximum silo loading rate (tph) and maximum operating hours (hr/yr) will remain the same as currently permitted. Also, the PTE for the Truck Loading dust collectors was revised based on the manufacturer's guarantee of 0.02 gr/dscf. The facility, which is a Non-Title V Source, is located at 6617 Old US Highway 41A in Tampa, FL 33619.

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

The EPC will issue the Final permit with the conditions of the DRAFT permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. before the deadline for filing a petition. The procedures for petitioning for 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 Drive, 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 publication of the public notice or within 14 (fourteen) days of receipt of this notice of intent, whichever occurs first. 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 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, 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 agency determination;
- (c) A statement of how and when 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 proposed action;

(f) A statement of specific rules or statutes the petitioner contends requires reversal or modification of the EPC's proposed action; 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 of intent. 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 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 Drive, 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.

The 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 the Environmental Protection Commission of Hillsborough County, 3629 Queen Palm Drive, Tampa, Florida 33619. The complete project file includes the proposed 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 Diana M. Lee, P.E., at the above address, or call 813-627-2600, for additional information. Any written comments filed shall be available for public inspection. If written comments received result in a significant change in the proposed agency action, the EPC shall revise the proposed permit and require, if applicable, another Public Notice.

COMMISSION
Kevin Beckner
Rose V. Ferlita
Ken Hagan
Al Higginbotham
Jim Norman
Mark Sharpe
Kevin White



Roger P. Stewart Center
3629 Queen Palm Dr. • Tampa, FL 33619
Ph: (813) 627-2600

Fax Numbers (813):
Admin. 627-2620 Waste 627-2640
Legal 627-2602 Wetlands 627-2630
Water 627-2670 ERM 627-2650
Air 627-2660 Lab 272-5157

Executive Director
Richard D. Garrity, Ph.D.

ENVIRONMENTAL PROTECTION COMMISSION OF
HILLSBOROUGH COUNTY, as Delegated by

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF PERMIT

Robert Picou
Vice President - Longview Operations
Carmeuse Lime & Stone, Inc.
P.O. Box 37
Saginaw, AL 35137

DRAFT

Dear Mr. Picou:

Re: Hillsborough County - AP

Enclosed is Permit No. 0570150-005-AC to replace the air pollution control equipment that controls the two silo loading operation at the facility located at 6617 Old US Highway 41A in Tampa, FL 33619, issued pursuant to Section 403.087, Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit 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 EPC in the Legal Department at 3629 Queen Palm Drive, Tampa, FL 33619; 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 EPC.

Executed in Tampa, Florida.

Sincerely,

DRAFT
Richard D. Garrity, Ph.D.
Executive Director

RDG/SRH/srh

cc: Cory A. Houchin, P.E. – Environmental Sciences Group, Inc.
Florida Department of Environmental Protection, Southwest District (via email)

DRAFT

Carmeuse Lime & Stone, Inc.
Tampa, FL 33619

Page Two

CERTIFICATE OF SERVICE

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

Clerk Stamp

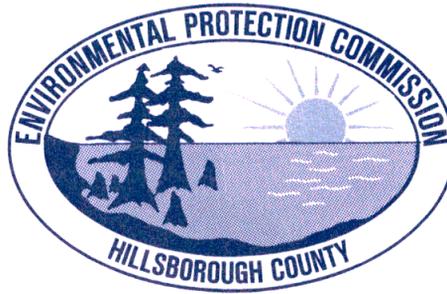
FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated clerk, receipt of which is hereby acknowledged.

DRAFT

clerk

Date

COMMISSION
Kevin Beckner
Rose V. Ferlita
Ken Hagan
Al Higginbotham
Jim Norman
Mark Sharpe
Kevin White



Roger P. Stewart Center
3629 Queen Palm Dr. • Tampa, FL 33619
Ph: (813) 627-2600

Fax Numbers (813):
Admin. 627-2620 Waste 627-2640
Legal 627-2602 Wetlands 627-2630
Water 627-2670 ERM 627-2650
Air 627-2660 Lab 272-5157

Executive Director
Richard D. Garrity, Ph.D.

DRAFT

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

PERMIT/CERTIFICATION
Permit No: 0570150-005-AC
County: Hillsborough
Expiration Date: 10/31/2011
Project: Replace Silo Baghouse

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:

For the modification of the quicklime unloading operation at the Carmeuse Lime & Stone, Inc. Tampa terminal. The facility unloads quicklime from railcars at a maximum rate of 30 tons per hour into either of two (2) quicklime storage silos. The facility is authorized to replace their 280 ACFM Portec DFB-4 baghouse mounted on Silo No. 1 with a Dust Control and Loading (DCL) Systems, Inc., Model VMV185-114 pulse cleaning dust collector. The replacement dust collector is capable of handling up to 1,000 ACFM and contains four (4) cartridges. Particulate Matter (PM) emissions generated from natural volume displacement resulting from the filling of Silo No. 1 and Silo No. 2 will be controlled by the new DCL dust collector. Also, the PTE for the Truck Loading dust collectors was revised based on the manufacturer's guarantee of 0.02 gr/dscf.

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 and 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. The particulate matter (PM) emissions generated from the railcar unloading operation are controlled by partial enclosure including a portable skirting, and the PM emissions from the silo loading will be controlled by a 1,000 ACFM Dust Control and Loading Systems, Inc., Model VMV185-114 pulse cleaning dust collector mounted on Silo No. 1. In addition, the facility also has the capability to load to either silo pneumatically from delivery trucks, however, this mode of operation is infrequently used. Based on the truck blower performance curve, the maximum air flow rate at 12 psig for the pneumatic offloading of quicklime to the silos is approximately 750 DSCFM.

The PM emissions generated from the gravity loading of the delivery trucks 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 DCL Pulse Jet Compact Filter Module Model CFM-330 at Silo #1, and a DCL Bulk Loading Spout Model UN800EV-04 at Silo #2. The loadout chute at each DCL dust collector is fitted with a telescoping, 2,000 acfm, pulse jet cleaning collection system containing seven (7) cartridges. 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
 007 – Silo #1 Truck Loading Station
 008 – Silo #2 Truck Loading Station

Reference Permit No.: 0570150-004-AO

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PERMITTEE:
Carmeuse Lime & Stone, Inc.

PERMIT/CERTIFICATION NO.: 0570150-005-AC
PROJECT: Silo Baghouse Replacement

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. As requested by the permittee, in order to limit the potential to emit and exempt the facility from PM RACT, the maximum particulate matter emissions from the silo loading (EU 002) and truck loading (EU 007 and 008) operations shall not exceed 0.02 gr/dscf. The facility-wide PM PTE shall not exceed 14.4 TPY. [Rule 62-296.700(2)(a), F.A.C. and Air Construction Permit Application submitted May 25, 2010].
5. Visible emissions from the silo loading operation shall not exceed 5% opacity. [Rule 1-3.52.2., Rules of the EPC and Air Construction Permit Application submitted May 25, 2010]
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 Air Construction Permit Application submitted May 25, 2010]
 - 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) The permittee shall not circumvent the air pollution control device or allow the emissions of air pollutants without the air pollution control device operating properly.
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 one of the two silos (EU No. 002) for visible emissions, at the point of highest opacity, within 30 days of start-up of the new dust collector system, and annually thereafter. 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 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-

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PERMITTEE:
Carmeuse Lime & Stone, Inc.

PERMIT/CERTIFICATION NO.: 0570150-005-AC
PROJECT: Silo Baghouse Replacement

SPECIFIC CONDITIONS:

100% of rated capacity of 30 tons/hr maximum silo loading rate. 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 Silo No.;
- B) Hours of operation of each silo loading operation (daily and monthly total);
- C) Quicklime throughput during each silo loading operation (daily and monthly total);
- D) Rolling twelve month total of Item B) and C) (tons/12-consecutive month period).

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 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.

PERMITTEE:
Carmeuse Lime & Stone, Inc.

PERMIT/CERTIFICATION NO.: 0570150-005-AC
PROJECT: Silo Baghouse Replacement

SPECIFIC CONDITIONS:

- 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 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.

17. A minimum of two copies of an air operating permit application shall be submitted to the Environmental Protection Commission of Hillsborough County within 60 days of completion of the initial compliance visible emissions testing or at least 90 days prior to the expiration date of this permit, whichever occurs first. The application shall also include a copy of the visible emissions tests. [Rules 62-4.050(2) and 62-4.090, F.A.C.]

ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY

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Richard D. Garrity, Ph.D.
Executive Director

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;
 - 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 reduce, 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.

ATTACHMENT - GENERAL CONDITIONS

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. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.

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.

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.