



# Florida Department of Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

January 8, 2009

Mr. John Layden  
Administration Manager  
Limestone Products, Incorporated  
Maddox Roll Crusher Equipment #39-0018  
3107 Northwest County Road #235  
Post Office Box 177  
Newberry, Florida 32669

Dear Mr. Layden:

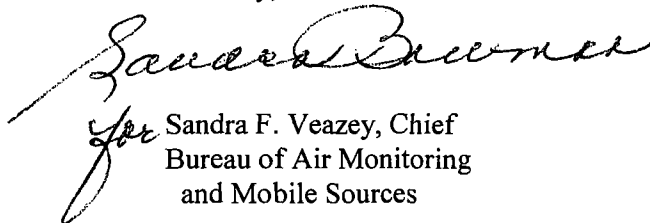
This is to acknowledge that your notification of intent to use the authority of Rule 62-210.310 to operate your facility was received on December 1, 2008. We have assigned ARMS No. 7775557-001 to this facility.

As you know, pursuant to Florida Statutes section 403.814, authority to operate under general permits commences thirty (30) days after receipt of the registration form unless you have been notified by this office that your facility has not shown entitlement to operate pursuant to the rule provisions.

For your information, authority to operate pursuant to Rule 62-210.310 expires after five (5) years. Therefore, a new registration form must be received no later than five (5) years after the date your notice was received as indicated above. If your general permit rule conditions require testing, such testing must be completed within the time frame specified in the rule.

If you have any additional questions, please contact Dickson Dibble at 850/921-9586.

Sincerely,

  
for Sandra F. Veazey, Chief  
Bureau of Air Monitoring  
and Mobile Sources

SFV/pg

**NONMETALLIC MINERAL PROCESSING PLANTS (CRUSHERS)  
AIR GENERAL PERMIT REGISTRATION FORM**

**Part II. Notification to Permitting Office**

(Detach and submit to appropriate permitting office; keep copy onsite)

**Instructions:** To give notice to the Department of an eligible facility's intent to use this air general permit, the owner or operator of the facility must detach and complete this part of the Air General Permit Registration Form and submit it to the appropriate Department of Environmental Protection or local air pollution control program office which has permitting authority. Please type or print clearly all information, and enclose the appropriate air general permit registration processing fee pursuant to Rule 62-4.050, F.A.C. (\$100 as of the effective date of this form)

Bureau of Air Monitoring  
& Mobile Sources

DEC 05 2008

RECEIVED

**7775557-001**

**Registration Type**

Check one:

**INITIAL REGISTRATION** - Notification of intent to:

- Construct and operate a proposed new facility.  
 Operate an existing facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit).

**RE-REGISTRATION** (for facilities currently using an air general permit) - Notification of intent to:

- Continue operating the facility after expiration of the current term of air general permit use.  
 Continue operating the facility after a change of ownership.  
 Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C., or any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

**Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only**

If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. In such case, check the first box, and indicate the operation permits being surrendered. If no air operation permits are held by the facility, check the second box.

- All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s): \_\_\_\_\_  
 No air operation permits currently exist for this facility.

**General Facility Information**

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)

*Limestone Products Inc.*

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a registration form must be completed for each.)

*Maddock Roll crusher Equipment # 39-0018 / Union Lead Mine*

Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)

Street Address: *3107 NW CR 235*

City: *Newberry, FL*

County: *Alachua*

Zip Code: *32669*

Facility Start-Up Date (Estimated start-up date of proposed new facility.)(N/A for existing facility)

*N/A*

**Owner/Authorized Representative**

Name and Position Title (Person who, by signing this form below, certifies that the facility is eligible to use this air general permit.)

Print Name and Title: *John Layden Administration Manager*

Owner/Authorized Representative Mailing Address

Organization/Firm: *Limestone Products Inc.*

Street Address: *Po Box 177*

City: *Newberry, Florida*

County: *Alachua*

Zip Code: *32669*

Owner/Authorized Representative Telephone Numbers

Telephone: *352-472-2116*

Fax: *352-472-2250*

Cell phone (optional):

**Facility Contact (If different from Owner/Authorized Representative)**

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title:

Facility Contact Mailing Address

Organization/Firm:

Street Address:

City:

County:

Zip Code:

Facility Contact Telephone Numbers

Telephone:

Fax:

Cell phone (optional):

**Owner/Authorized Representative Statement**

This statement must be signed and dated by the person named above as owner or authorized representative

*I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Registration Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the facility addressed in this registration form is eligible for use of this air general permit and that the statements made in this registration form are true, accurate and complete. Further, I agree to operate and maintain the facility described in this registration form so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof.*

*I will promptly notify the Department of any changes to the information contained in this registration form.*

  
Signature

*11/18/2008*  
Date

**Type of Facility**

Check one:

Stationary Facility

Relocatable Facility

**Type(s) of Precautions Used to Prevent Unconfined Emissions**

Check all that apply for the management of roads, parking areas, stock piles and yards:

Maintain Roads/Parking/Yards

Use Water Application

Use Dust Suppressant

Remove Particulate Matter

Reduce Stock Pile Height

Install Wind Breaks

Check the location of spray bars at the nonmetallic mineral processing plant:

Feeders

Entrance to "Crusher"

Exit of "Crusher"

Classifier Screens

Conveyor Drop Points

**Description of Reasonable Precautions**

Below, or as an attachment to this form, provide details of all types of reasonable precautions to be used to prevent unconfined emissions at the facility.

*See attached document.*

**Description of Facility**

Below, or as an attachment to this form, provide a description of the nonmetallic mineral processing operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Describe all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used.

*See attached document.*

## Dibble, Dickson

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**From:** John Layden [John.Layden@limestoneproductsinc.com]  
**Sent:** Friday, December 12, 2008 1:22 PM  
**To:** Dibble, Dickson  
**Subject:** Additional information about Equipment

**Attachments:** Description of Facility (39-0018).docx; Description of Facility (39-0019).docx; Description of Facility (39-1020).docx; Description of Facility (NFL).docx



Description of  
Facility (39-00...



Description of  
Facility (39-00...



Description of  
Facility (39-10...



Description of  
Facility (NFL)....

Mr. Dibble,

Here is the additional information you requested on our equipment. Please let me know if it is sufficient.

Thank you,  
John Layden  
Limestone Products Inc.

# Reasonable Precaution Plan

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John Layden

Limestone Products Inc.

3107 NW CR 235

Newberry, FL 32669

To whom it may concern,

At Limestone Products Inc. our measures to prevent unconfined emissions at our facility are as follows:

- 1) The use of a motor grader to ensure our roads are level to ensure vehicle traffic flows smoothly over our roads. The grader prevents peaks and valleys on the road and in the working area, this prevents vehicles from bouncing and creating a dusty environment.
- 2) When nature fails to give us adequate moisture on our roads and in our work area, we use a mobile water truck. The water truck dampens our main roads, digging and in our crushing area to prevent excess dusting.
- 3) We have 2 general types of materials for sale:
  - a) Bank Rock (material above the water table)
  - b) Underwater Rock (material below the water table)

Our Bank Rock is the drier of the two materials; it usually maintains an approximate moisture content of 6-8%. Our Underwater Rock maintains approximately 10-12% moisture. The material is usually sold in approximately 1-5 days after mining. So far we have not had any excessive dusting problems by using our present technique. Since we are a mining operation, we are governed by another government organization MSHA (Mine Safety Health Administration). MSHA also periodically performs a test to measure dusting in our mines. They install air meters at certain points in the mine and measure dust and other particulates in our air. To date we have never had any problems with MSHA in this area.

If you have any questions please, feel free to contact me.

Thank you,

John Layden

352-472-2116

## Description of Facility

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John Layden

Limestone Products Inc.

3107 NW CR 235

Newberry, FL 32669

Overburden is removed using dozers, excavators, and off road haul trucks or any other equipment available.

Qualified personnel will perform any blasting, and all safety procedures and precautions will be adhered to.

Generally, all top rock is stripped and mining begins at or just below the water table. Instances arise where limestone is found above the water table. This limestone is ripped and processed similar to bottom rock after clay is stripped and removed. All limestone will be tested in accordance with FDOT Specifications.

The limestone at or below the water table is drilled, shot and dug by dragline. The shot rock is allowed to drain. After drying, the rock is transported by front-end loader to the crushing area and fed into the crusher. The crusher is adjusted to produce a top size of 3 ½". The crushed rock drops into a short belt. As the stockpile reaches height capacity of the conveyor, either the crusher or conveyers are moved in the direction parallel to the finished product, thus creating a continuous tent-shaped stockpile.

The crusher and stacker are portable and are moved to keep them close to the rock to be processed.

Base material is loaded into haul units by front-end loader directly from the finished base material stockpiles. The truckloads are corrected at the scale using a clamshell bucket. Separate stockpiles are maintained for addition and subtraction at this point. Limestone will be returned to the preferred stockpile to avoid any contamination between FDOT approved and non-FDOT approved material.

In the event that nature doesn't provide adequate moisture to our mining operation, we use a water truck to distribute water over our mining and crushing areas. Our top (Bank) rock maintains approximately 6-8% moisture. The underwater rock maintains approximately 10-12% moisture.

If you have any questions please, feel free to contact me.

Thank you,

John Layden

352-472-2116



John Layden

Limestone Products Inc.

3107 NW CR 235

Newberry, FL 32669

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Qualified personnel will perform any blasting, and all safety procedures and precautions will be adhered to.

Generally, all top rock is stripped and mining begins at or just below the water table. Instances arise where limestone is found above the water table. This limestone is ripped and processed similar to bottom rock after clay is stripped and removed. All limestone will be tested in accordance with FDOT Specifications.

The limestone at or below the water table is drilled, shot and dug by dragline. The shot rock is allowed to drain. After drying, the rock is transported by front-end loader to the crushing area and fed into the crusher. The crusher is adjusted to produce a top size of 3 1/2". The crushed rock drops into a short belt. As the stockpile reaches height capacity of the conveyor, either the crusher or conveyers are moved in the direction parallel to the finished product, thus creating a continuous tent-shaped stockpile.

The crusher and stacker are portable and are moved to keep them close to the rock to be processed.

Base material is loaded into haul units by front-end loader directly from the finished base material stockpiles. The truckloads are corrected at the scale using a clamshell bucket. Separate stockpiles are maintained for addition and subtraction at this point. Limestone will be returned to the preferred stockpile to avoid any contamination between FDOT approved and non-FDOT approved material.

In the event that nature doesn't provide adequate moisture to our mining operation, we use a water truck to distribute water over our mining and crushing areas. Our top (Bank) rock maintains approximately 6-8% moisture. The underwater rock maintains approximately 10-12% moisture.

If you have any questions please, feel free to contact me.

Thank you,

John Layden

352-472-2116

## JohnLayLdeid mi\$ hLPLyr

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### **Additional equipment information:**

#### **Crusher:**

Brand: Maddox Roll Crusher

Company Equipment #: 39-0018

Tons per Hour: Approximately 400 Max.

Serial #: MX19973

Engine: Caterpillar 343, Diesel Powered, 375HP

#### **Stacker:**

Brand: Marco

Company Equipment #: 12-0152

Serial #: X54131

Engine: Detroit Diesel 353, Diesel Generator, 90HP

**Florida Department of Environmental Protection**  
**Cash Receiving Application (CRA)**  
**Cashlisting by Deposit #: 291291 thru 291291**  
**Printed: 12/2/2008 11:53:47 AM - Page 21**

Cashlisting: **72380**    Cashlist Area: **3755**    Description: **DIV OF AIR RESOURCES MGMT.**  
 Deposit No: **291291**    Date Deposited: **12/01/2008**    Contact: **E. WALKER**

Object	Transmittal	Dep/DON	Receipt Number	Pre-Numbered Receipt	Name	Check Number	Payment Amount	Reference Account	Payment Number	Remittance Number	Fund	Grant	
002272	51708	488998	645619		CASH DEVELOPMENT, LLC	2235	\$100.00		912089	805213	PFTF		
	51708	488999	645620		LIMESTONE PRODUCTS, INC.	004311	\$100.00		912090	805214	PFTF		
	51708	489000	645621		LIMESTONE PRODUCTS, INC.	004312	\$100.00		912092	805215	PFTF		
	51708	489001	645622		LIMESTONE PRODUCTS, INC.	004313	\$100.00		912093	805216	PFTF		
	51708	489002	645623		LIMESTONE PRODUCTS, INC.	004310	\$100.00		912094	805217	PFTF		
	51708	489003	645624		CASH DEVELOPMENT, LLC	2236	\$100.00		912095	805218	PFTF		
<b>Object Code 002272 Subtotal:</b>							<b>\$600.00</b>						
002278	51712	489104	645748		ALL CASTASROPHE CONSTRUCTION	5598	\$200.00	51333	912227	805342	APCTF		
	51712	489104	645748		ALL CASTASROPHE CONSTRUCTION	5598	\$200.00	51076	912229	805342	APCTF		
	51712	489104	645748		ALL CASTASROPHE CONSTRUCTION	5598	\$200.00	51338	912228	805342	APCTF		
	51712	489105	645749		ABATEMENT&DEMOLITION SERVICES	10703	\$100.00	51215	912230	805343	APCTF		
	51712	489105	645749		ABATEMENT&DEMOLITION SERVICES	10703	\$100.00	51179	912231	805343	APCTF		
	51712	489109	645753		GLENNCO CONSTRUCTION CO., INC	14272	\$300.00		912236	805347	APCTF		
	51720	489127	645778		ALACHUA ENVIRONMENTAL SERVICES	11138	\$200.00	51280	912314	805372	APCTF		
<b>Object Code 002278 Subtotal:</b>							<b>\$1,300.00</b>						
<b>Cashlisting 72380 Total:</b>							<b>\$1,900.00</b>						

*7775557-001*  
*12/15/2008 - NMC*

11/26/08

H

LIMESTONE PRODUCTS, INC.

CHECK NO. 004313

H

Air General Permit Fee

GL/4513-06-00 100.00

#39-0018

GL/1001-00-002 (100.00)