

**NONMETALLIC MINERAL PROCESSING (NMMP) PLANT (CRUSHER)  
AIR GENERAL PERMIT REGISTRATION INFORMATION**

2012

**RECEIVED**

Facility Identification Number (If known)

**7775313-003-AG: Re-Registration of this permit (expires 09/15/2012) for 5-yr renewal.** AUG 15 2012

Registration Type

**7775313-004**

DIVISION OF AIR  
RESOURCE MANAGEMENT

Check one:

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

- Construct and operate a proposed new facility.
- Operate an existing permitted 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). 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. (See "Surrender of Existing Air Operation Permit(s)" below.)
- Operates an existing facility not currently permitted or using 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 Applicable**

All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s):

N/A

**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.)

**Crystal River Quarries, 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 complete registration must be submitted for each.)

**Maylen Mine**

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

Street Address: **(base location) 287 N. Maylen Ave.**

City: **Lecanto**

County: **Citrus**

Zip Code: **34461**

**Current Location - August 2012:**

Street Address: **(Lecanto Mine) 2961 S. Lecanto Hwy.**

City: **Lecanto**

County: **Citrus**

Zip Code: **34461 -**  
**9022**

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

**N/A**

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9022

**7775313 – Re-Registration 2012**

**Facility Contact**

<u>Name and Position Title</u> (Plant manager or person to be contacted regarding day-to-day operations at the facility.) Print Name and Title: <b>Frank J. Colitz, President</b>		
<u>Facility Contact Telephone Numbers</u> Telephone: <b>(352) 795-2409</b> Fax: <b>(352) 795-6499</b> Cell phone: E-mail: <b>crq@infionline.net</b>		
<u>Facility Contact Mailing Address</u> Organization/Firm: <b>Crystal River Quarries, Inc.</b> Street Address: <b>P.O. Box 216</b> City: <b>Crystal River</b> County: <b>Citrus</b> Zip Code: <b>34423</b>		

**Other Contact/Representative (to serve as additional Department contact)**

<u>Name and Position Title</u> Print Name and Title: <b>Mr. Lynn Robinson, P.E., Permitting Manager</b>		
<u>Other Contact/Representative Telephone Numbers</u> Telephone: <b>(813) 752-5014</b> Fax: <b>(813) 752-2475</b> Cell phone: <b>(813) 957-8804</b> E-mail: <b>lrobinson@sesfla.com</b>		
<u>Other Contact/Representative Mailing Address</u> Organization/Firm: <b>Southern Environmental Sciences, Inc.</b> Street Address: <b>1204 North Wheeler Street</b> City: <b>Plant City</b> County: <b>FL</b> Zip Code: <b>33563</b>		

**Government Facility Code (check only one)**

<input checked="" type="checkbox"/> Facility not owned or operated by a federal, state, or local government.
<input type="checkbox"/> Facility owned or operated by the federal government.
<input type="checkbox"/> Facility owned or operated by the state.
<input type="checkbox"/> Facility owned or operated by the county.
<input type="checkbox"/> Facility owned or operated by the municipality.
<input type="checkbox"/> Facility owned or operated by a water management district.

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REGISTRATION & PERMITTING  
FLORIDA DEPARTMENT OF  
NATURAL RESOURCES

**7775313 – Re-Registration 2012**

**Type of Facility**

Check one: <input type="checkbox"/> Stationary Facility <input checked="" type="checkbox"/> Relocatable Facility
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**Type(s) of Precautions Used to Prevent Unconfined Emissions**

Check all that apply for the management of roads, parking areas, stock piles and yards:		
<input checked="" type="checkbox"/> Maintain Roads/Parking/Yards	<input checked="" type="checkbox"/> Use Water Application	<input type="checkbox"/> Use Dust Suppressant
<input type="checkbox"/> Remove Particulate Matter	<input type="checkbox"/> Reduce Stock Pile Height	<input type="checkbox"/> Install Wind Breaks
Location of spray bars at the nonmetallic mineral processing plant, <u>for use as needed*</u> :		
<input type="checkbox"/> Feeders	<input type="checkbox"/> Entrance to "Crusher"	<input checked="" type="checkbox"/> Exit of "Crusher"
<input type="checkbox"/> Classifier Screens	<input checked="" type="checkbox"/> Conveyor Drop Point <u>on Discharge Conveyor</u>	
<b>*Note: Material processed typically has approximately 10% moisture.</b>		

**Description of Facility**

Below, or as an attachment to this form, provide a description of the nonmetallic mineral processing plant 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 material(s) processed, all air pollutant-emitting processes, and identify any air pollution control measures used. Mobile source equipment information is not needed (eg.: trucks, bulldozers, front-end loaders, etc.)

**The "Maylen Avenue Crusher" is a Pegson Model 1412 Trackpactor impact crusher, with an additional radial stacker/conveyor which is an MGL Model 7436 conveyor (74 ft long X 36 inch wide belt). The unit is powered by a self-contained diesel power unit.**

**As noted above, water sprays at the nonmetallic mineral processing plant are use only as needed on the exit of crusher and discharge conveyor since the material processed typically has approximately 10% moisture.**

**The facility will apply water as necessary to unpaved roads, yards, open stockpiles, and similar activities to reduce fugitive particulate matter.**

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**\*Emission Unit Details - show all crushers (primary, secondary, tertiary), screens, conveyors, engines**

COMPONENT DESCRIPTION (e.g. primary, secondary crusher, screener, conveyor, RICE* engine and fuel type, etc.)	MANUFACTURER	DATE OF MANUFACTURE	MODEL NUMBER	SERIAL NUMBER	RATED CAPACITY (tons/hr, hp)
Relocatable/Portable Crushing System (Purchased new Feb 2007)	Pegson		Model 1412 Trackpactor	140197EB	300 tons/hr
Diesel Engine (Purchased new Feb 2007 as part of Pegson crusher)	Caterpillar		C13	LGK03135	440 hp
Radial Stacker Conveyor (Purchased new June 2007)	MGL		7436	7436177	300 tons/hr 36"W x 74'L
Diesel Engine (Purchased new June 2007 as part of MGL stacker)	Deutz		BF 4L 2011	10325697	74 hp

\*RICE: Reciprocating Internal Combustion Engine

**Additional Engine Information:**

**Caterpillar Model C13 nameplate notation:**

This engine conforms to 2006 US EPA and California regulations for non-road compression ignition engines.

**Deutz Model BF 4L 2011 nameplate notation:**

Engine conforms to 02 2007 model year US EPA and CARB regulations for large non-road compression ignition engines.

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 REGISTRATION DIVISION  
 DEPARTMENT OF REVENUE  
 STATE OF CALIFORNIA

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DIVISION OF AIR  
RESOURCE MANAGEMENT

# Crystal River Quarries, Inc.

Producers of High Grade Red Level Dolomite & Hi-Calcium Lime & Rock Products

P.O. BOX 216  
CRYSTAL RIVER, FLORIDA 34423-0216

TELEPHONES:  
OFFICE: (352) 795-2409  
(352) 795-2828  
FAX: (352) 795-6499

August 13, 2012

Florida Department of Environmental Protection  
3800 Commonwealth Boulevard, MS-77  
Tallahassee, FL 32399  
850-921-9586

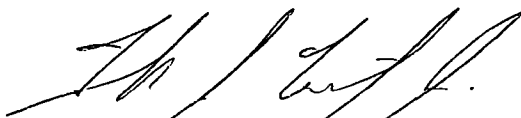
RE: Air General Permit Revision Re-Registration for Nonmetallic Mineral Processing (NMMP)  
Current Permit No. 7775313-003-AG  
Facility Location: Crystal River Quarries, Inc. -- Maylen Mine  
287 N Maylen Ave, Lecanto, FL 34461

Ladies and Gentlemen,

Attached is a check for \$100.00 for the Air General Permit Review and the Air Permit Registration and Information Form.

If you have any questions or I need to submit any additional information, please call me on my cell at 352-220-3436.

Very truly yours,



Frank J. Colitz, Jr., President

FJC/rfs

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DIVISION OF AIR RESOURCE MANAGEMENT  
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION