

FÉA RECEIPT # 726648

DATE: 2011 JAN 06

RECEIVED

NONMETALLIC MINERAL PROCESSING PLANTS (CRUSHER) JAN 07 2011  
AIR GENERAL PERMIT REGISTRATION FORM

Bureau of Air Monitoring  
& Mobile Sources

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(4)(o), F.A.C. (\$100 as of the effective date of this form)

0170007-005

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.)  
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 registration form must be completed for each.)  
RED LEVEL CRUSHING (DEP Facility ID 0170007)

Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)  
Street Address: 7040 NORTH SUNCOAST BOULEVARD  
City: CRYSTAL RIVER County: CITRUS Zip Code: 34428 -6726

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: FRANK J. COLITZ, JR., PRESIDENT

Owner/Authorized Representative Mailing Address

Organization/Firm: CRYSTAL RIVER QUARRIES, INC.

Street Address: P. O. BOX 216

City: CRYSTAL RIVER

County: CITRUS

Zip Code: 34433

Email: crq@infionline.net

Owner/Authorized Representative Telephone Numbers

Telephone: 352-795-2409

Fax: 352-795-6499

Cell phone (optional): 352-220-3436

**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: Same as Above

Facility Contact Mailing Address

Organization/Firm: Same as Above

Street Address:

City:

County:

Zip Code:

Facility Contact Telephone Numbers

Telephone: Same as Above

Fax:

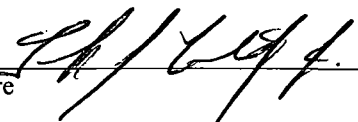
Cell phone (optional):

**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 

Date 1/5/11

**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.

**Application of water, chemicals or other dust suppressants as necessary to unpaved roads, yards, open stockpiles and similar activities.**

**Removal of particulate matter as necessary from paved roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and as necessary from buildings or work areas to prevent particulate matter from becoming airborne.**

### **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.

The Red Level Crushing facility includes:

EU 001 - Primary Crusher:

A 250 ton/hour (normally actual 80 ton/hour) Lippman Engineering Works, Inc., Model T4036 crusher to crush wet quarried raw moist dolomite limerock. Material being crushed has 9 – 12 % moisture content.

EU 003 - Hammermill/Pulverizer:

A Lippman Engineering Works, Inc., Model 32x36 Hammermill/Pulverizer with normal actual throughput of 80 tons per hour of raw, crushed, dry dolomite limerock.

Although previously powered by diesel engine-driven electric generator, both EU 001 and EU 003 are now electrically powered from the grid.

From the primary crusher, a 36" conveyor belt transports material to a feed bin which feeds the hammermill/pulverizer. From the pulverizer, an 18" exit conveyor belt leads to a 30" flat conveyor belt, which leads to a 36" radial stacker conveyor.

In 2005, the facility decommissioned, and therefore has since not operated and not will operate, EU 002 which was a Barber Greene rotary drum limestone dryer which was fired with No. 6 fuel oil.

The DEP-Southwest District (SWD) provided the list of emission points below for VE testing. (DEP-SWD noted that since the 2006 GP Notification Form indicated both EU 001 and EU 003 are subject to 40 CFR 60, Subpart OOO, annual VE testing is required.)

- 1) Primary Crusher
- 2) Crusher exit conveyor drop point
- 3) Pulverizer Feed Bin
- 4) Pulverizer
- 5) Pulverizer Exit Conveyor Drop Point
- 6) Conveyor to Radial Stacker
- 7) Radial Stacker Conveyor Drop Point

# Southern Environmental Sciences, Inc.

1204 North Wheeler Street □ Plant City, Florida 33563 □ (813) 752-5014, Fax (813) 752-2475

January 5, 2010 Via FedEx overnight delivery

FDEP  
3800 COMMONWEALTH BOULEVARD, MS-77  
Tallahassee, Florida  
32399  
Phone: (850) 921-9586



Re: Air General Permit Re-Registration for Nonmetallic Mineral Processing (NMMP)  
Current Permit No. 0170007-004-AG; Expires: 02/06/2011  
Facility Location: Crystal River Quarries, Inc. – Red Level Crushing  
7040 North Suncoast Boulevard, Crystal River, FL 34428

Ladies and Gentlemen:

On behalf of Crystal River Quarries, Inc., Southern Environmental Sciences, Inc. (SES) is pleased to submit the enclosed re-registration form for the above referenced existing, previously permitted facility. Also enclosed is the \$100.00 fee check.

If you have any questions concerning the permit application please contact me at office phone (813) 752-5014 or email at: [lrobinson@sesfla.com](mailto:lrobinson@sesfla.com).

Sincerely,

SOUTHERN ENVIRONMENTAL  
SCIENCES, INC.

A handwritten signature in black ink that reads "Lynn F. Robinson".

Lynn Robinson, P.E.  
Permitting Manager

Encl: NMMP AGP Re-Registration Form and \$100.00 fee check

Cc: Mr. Frank Colitz, Jr., Crystal River Quarries, Inc., email: [crq@infionline.net](mailto:crq@infionline.net)

2011 JAN -6 AM 9:41  
FINANCIAL PROCEEDINGS  
REVENUE  
ORIPA DEPARTMENT