



# 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

November 26, 2008

Mr. Frank Carroll  
Vice-President  
SDI Quarry, Incorporated  
16100 Southwest 365 Street  
Florida City, Florida 33034

Dear Mr. Carroll:

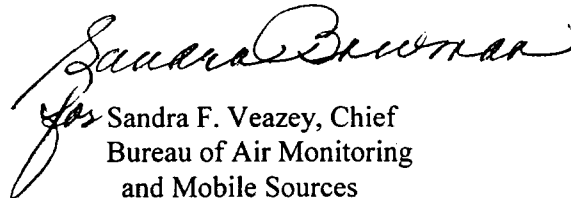
This is to acknowledge that your notification of intent to use the authority of Rule 62-210.310 to operate your facility was received on October 24, 2008. We have assigned ARMS No. 7775547-001 to this facility.

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,

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

SFV/pg

cc: Ms. Mallika Muthiah, Miami-Dade County

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

Bureau of Air Monitoring  
& Mobile Sources

OCT 28 2008

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**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)

7775547-001

**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.)

SDI Quarry, 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.)

Same as above.

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

Street Address: 16100 SW 365 Street

City: Florida City

County: Miami-Dade

Zip Code: 33034

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

09/23/2008

**Owner/Authorized Representative**

<u>Name and Position Title</u> (Person who, by signing this form below, certifies that the facility is eligible to use this air general permit.) Print Name and Title: Frank Carroll, Vice President			
<u>Owner/Authorized Representative Mailing Address</u> Organization/Firm: SDI Quarry, Inc. Street Address: 9350 South Dixie Hwy., #1250 City: Miami County: Miami-Dade Zip Code: 33156			
<u>Owner/Authorized Representative Telephone Numbers</u> Telephone: 305-670-9610 xt 101 Fax: 305-670-6787 Cell phone (optional):			

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


<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: Same as above.			
<u>Facility Contact Mailing Address</u> Organization/Firm: Street Address: City: County: Zip Code:			
<u>Facility Contact Telephone Numbers</u> 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

October 16, 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.

Aggregate material fed into the crusher/screening unit has high continuous moisture content since it is mined from a quarry lake. Aggregate leaving the aforementioned crusher/screening unit is then fed into a classifying screen/shaker unit and is sprayed with water at the initial entry point, to wash out excess sediments. The continuous high moisture content of the aggregate material circulating through the various components ensures that no visible air emissions are emitted, as documented by the enclosed Visible Emmisions Report.

#### 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.

Mined aggregate with a high moisture content is initially deposited by haul trucks at the rate of approximately 300 tons per hour into a 9 foot x 11 foot custom fabricated electrical driven unloading hopper. The aggregate is then fed by conveyor at a variable controlled rate to a portable electrically driven Nordberg classifying shaker/screen unit. All optimally sized aggregate which passes thru the Nordberg unit is fed by conveyor to a portable electrically driven Wash Master shaker/classifying unit. All remaining overflow aggregate from the Nordberg unit is then redirected by conveyor to an electrically driven Lippmann roll crusher unit for further processing. Material leaving the Lippmann roll crusher is then redirected by conveyor to the conveyor feeding the Wash Master unit. Aggregate material entering the Wash Master unit is sprayed at the initial entry point by water to wash off excess sediments. Aggregate material leaving the Wash Master unit is then redirected by conveyor to one 100 foot long sand conveyor/stacking unit with a discharge capacity of approximately 45 tons per hour, and three other 100 foot long aggregate conveyor/stacking units with a discharge capacity of approximately 85 tons per hour each. Please note that since all aggregate material inputted into the plant has continuous high moisture content, all visible air emissions are thereby eliminated.

# ADDENDUM TO 10/24/08 REGISTRATION

**Dibble, Dickson**

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**From:** Frank Carroll [fjc@atlanticcivil.net]  
**Sent:** Wednesday, November 05, 2008 9:54 AM  
**To:** Dibble, Dickson  
**Subject:** Requested Plant Information

Hi Mr. Dibble,

As discussed, our Unloading Hopper is a custom unit manufactured by Superior Industrial. Since the unit is custom manufactured, it does not have a model #.

✓ The Wash Master Shaker Screen is a model # RMS616x3 Gator triple decker unit.

✓ The Nordberg Classifying Shaker Screen unit is a model # 1110 triple decker unit

✓ The Lippman Roll Crusher unit is a model # 830207

Please note all components are electrically driven.

I really appreciate your help in processing our permit application.

Frank Carroll  
SDI Quarry Inc

11/5/2008

**Florida Department of Environmental Protection  
Cash Receiving Application (CRA)  
Cashlisting by Deposit #: 291229 thru 291229  
Printed: 10/24/2008 3:37:08 PM - Page 8**

Cashlisting: 71738 Cashlist Area: 3755 Description: DIV OF AIR RESOURCES MGMT.  
Deposit No: 291229 Date Deposited: 10/24/2008 Contact: E. WALKER

Object	Transmittal	Dep	DDN	Receipt Number	Pre- Numbered Receipt	Name	Check Number	Payment Amount	Reference Account	Payment Number	Remittance Number	Fund	Grant
002272	51125			640689		URBIETA OIL, INC. DBA UTBIETA	1735	\$100.00		905318	799972	PFTF	
	51144		486535	640815		RELIABLE FENCE LAND CLEARING	1494	\$100.00		905497	800110	PFTF	
	51144		486542	640822		SDI QUARRY INC	003375	\$100.00	777547-001 10/17/2008 - R/mc	905506	800117	PFTF	
	51150			640890		CARIBBEAN CRAFT	4355	\$100.00		905555	800193	PFTF	
<b>Object Code 002272 Subtotal:</b>								\$400.00					
<b>Cashlisting 71738 Total:</b>								\$400.00					

SDI QUARRY, INC.

003375

DATE	INVOICE NO.	DESCRIPTION	INVOICE AMOUNT	DEDUCTION	BALANCE
10-20-08	102008	Air Pollution Opera	100.00	.00	100.00

CHECK DATE	CHECK NUMBER	TOTALS		
10-21-08	3375	100.00	.00	100.00

PLEASE DETACH THIS PORTION AND RETAIN FOR YOUR RECORDS