

### 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

December 2, 2008

Mr. Gary Frommer Southern Sand and Stone, Incorporated Willow Run Quarry 9200 Collier Boulevard Naples, Florida 34114-2541

Dear Mr. Frommer:

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 27, 2008. We have assigned ARMS No. 7775548-001 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

ex Seconar

and Mobile Sources

SFV/pg

cc: Mr. Sherrill Culliver, South District

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 pollution control program office which has permitting authority. Please type information, and enclose the appropriate air general permit recipies 12-4.050, F.A.C. (\$100 as of the effective date 15.25).

Legistration Type

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)
Registration Type  77/5548 - OC
Check one:
<ul> <li>INITIAL REGISTRATION - Notification of intent to:</li> <li>         ☐ Construct and operate a proposed new facility.     </li> <li>         ☐ 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).     </li> </ul>
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.)  Southern Sand and Stone, 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.)  Willow Run Quarry
<u>Facility Location</u> (Provide the physical location of the facility, not necessarily the mailing address.)  Street Address: 9200 Collier Boulevard
City: Naples County: Collier Zip Code: 34114-2541
Facility Start-Up Date (Estimated start-up date of proposed new facility.)(N/A for existing facility) N/A

DEP Form No. 62-210.920(2)(e) Effective: January 10, 2007

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: Dan Kelly, Vice President and Chief Financial Officer

Owner/Authorized Representative Mailing Address Organization/Firm: Southern Sand and Stone. Inc.

Street Address: 1910 Seward Avenue

City: Naples

County: Collier

Zip Code: 34109-1926

Owner/Authorized Representative Telephone Numbers

Telephone: (239) 775-0720

Fax: (239) 775-6453

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: Gary Frommer

Facility Contact Mailing Address

Organization/Firm: Southern Sand and Stone, Inc.

Street Address: 1910 Seward Avenue

City: Naples

County: Collier

Zip Code: 34109-1926

Facility Contact Telephone Numbers

Telephone: (239) 370-4047

Cell phone (optional):

Fax: (239) 597-1597

**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

W

007 21 2538

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 a	and yards:
<ul><li>☑ Maintain Roads/Parking/Yards</li><li>☑ Remove Particulate Matter</li></ul>	<ul><li>✓ Use Water Application</li><li>✓ Reduce Stock Pile Height</li></ul>	□ Use Dust Suppressant     □ Install Wind Breaks
Check the location of spray bars at the no	onmetallic 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, pr prevent unconfined emissions at the facility		ole precautions to be used to
The following techniques will be used to	control unconfined PM emissions	on an as-needed basis:
Chemical (dust suppressants) or Unpaved roads Unpaved yard Open stock pilot	s. areas.	
Removal of PM from roads and work areas to prevent airborne	other paved areas to prevent reen particulate.	strainment and from buildings or
Landscaping or planting of vego	etation.	
Other techniques, as necessary.		
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DEP Form No. 62-210.920(2)(e) Effective: January 10, 2007

#### **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.

Equipment and activities located at the Willow Run Quarry limestone aggregates plant currently authorized by an Air General Permit for Nonmetallic Mineral Processing Plant (Crushing Operations) pursuant to Rule 62-210.310(5)(e), F.A.C. include aggregate storage piles and a Canica relocatable crusher.

This registration form addresses an additional relocatable crusher as follows:

MGL Engineering Model P15148DS relocatable crushing and screening unit. The unit has a maximum limestone processing rate of 700 tons per hour (tph) and is equipped with two diesel engines: (a) a 400 hp Cummins engine, and (b) a 285 hp John Deere engine.

The relocatable crusher is equipped with water sprays to control fugitive particulate matter (PM) emissions and may operate up to 3,120 hours per year. The relocatable crusher is subject to the applicable provisions of New Source Performance Standard (NSPS) Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants. The crusher diesel engines are fired with off-road diesel fuel containing no more than 0.05 weight percent sulfur.

The relocatable crusher meets all of the eligibility requirements of the Rule 62-210.310(5)(e), F.A.C. Air General Permit for Nonmetallic Mineral Processing Plant (Crushing Operations) – see attachment for a detailed analysis.

DEP Form No. 62-210.920(2)(e) Effective: January 10, 2007

### A. General Applicability Requirements

1. Rule 62-210.310(2)(a)1.,F.A.C.

#### Requirement

The facility shall not emit nor have the potential to emit 10 tons per year or more of any hazardous air pollutant, 25 tons per year or more of any combination of hazardous air pollutants, or 100 tons per year or more of any other regulated air pollutant; be collocated with, or relocated to, such a facility; or create such a facility in combination with any other collocated facilities, emissions units, or pollutant-emitting activities, including any such facility, emissions unit, or activity that is otherwise exempt from air permitting.

#### <u>Analysis</u>

The existing Willow Run Quarry site located at 9200 Collier Boulevard in Naples, Collier County includes a limestone aggregates quarry and plant, an asphalt plant, and a concrete batch plant.

The limestone aggregates quarry and plant is owned and operated by Southern Sand and Stone, Inc. Operation of the existing limestone aggregates plant is conducted under the authorization of an Air General Permit (Nonmetallic Mineral Processing Plant [Crusher]) pursuant to Rule 62-210.310(5)(e), F.A.C.; reference Air General Permit Registration Form received by the Department on August 25, 2008, and the Department's response dated September 25, 2008.

The relocatable asphalt plant (Plant No. 4) is owned and operated by Better Roads, Inc. Operation of the asphalt plant is authorized by Department Air Operation Permit No. 7774818-006-AO issued on December 15, 2006 with an expiration date of December 15, 2010.

The concrete batch plant is owned and operated by Preferred Materials, Inc. (formerly Rinker Materials). Operation of the concrete batch plant is authorized by an Air General Permit.

The Southern Sand and Stone, Inc. limestone aggregates quarry and plant, the Better Roads, Inc. Asphalt Plant No. 4, and the Preferred Materials concrete batch plant are each under separate ownership and control. Accordingly, the Southern Sand and Stone, Inc. limestone aggregates quarry and plant comprise one "facility" as defined by Rule 62-210.200(134), F.A.C.

This Air General Permit Registration addresses an additional relocatable crusher located at the existing Southern Sand and Stone, Inc. limestone aggregates plant. Potential emissions

associated with the relocatable crusher, as well the equipment and activities associated with the existing limestone aggregates plant, are well below the major source emission thresholds specified by Rule 62-210.310(2), F.A.C. Potential emissions of the Southern Sand and Stone, Inc. limestone aggregates plant, together with potential emissions from the collocated asphalt and concrete batch plants, are also well below the major source emission thresholds specified by Rule 62-210.310(2), F.A.C.

### 2. Rule 62-210.310(2)(a)2.,F.A.C.

#### Requirement

The facility shall not contain any emissions units or activities not covered by the applicable air general permit, except:

- a. Units and activities that are exempt from permitting pursuant to subsection 62-210.300(3), F.A.C., or Rule 62-4.040, F.A.C.; and
- b. Units and activities that are authorized by another air general permit where such other air general permit and the air general permit of interest specifically allow the use of one another at the same facility.

#### Analysis

This Air General Permit Registration addresses an additional relocatable crusher located at the existing Southern Sand and Stone, Inc. limestone aggregates plant. As noted above, operation of the existing limestone aggregates plant (relocatable crusher) is conducted under the authorization of an Air General Permit (Nonmetallic Mineral Processing Plant [Crusher]) pursuant to Rule 62-210.310(5)(e), F.A.C. The additional relocatable crusher will be authorized by the same Air General Permit which addresses a stationary or relocatable facility comprising one (1) or more nonmetallic mineral processing plants.

### B. Specific Applicability Requirements for Facilities Comprising Nonmetallic Mineral Processing Plants (Crushing Operations)

- 1. Rules 62-210.310(5)(e)3.a. and b., F.A.C.
- a. The total fuel consumption by the facility shall not exceed 23,000 gallons per year of gasoline, 275,000 gallons per year of diesel fuel, 1.3 million gallons per year of propane, 44 million standard cubic feet per year of natural gas, or an equivalent prorated amount if multiple fuels are used.
- b. If multiple fuels are used, the equivalent prorated amount of each fuel burned shall not exceed the total amount of such fuel allowed to be burned, as given in sub-subparagraph b., multiplied by a fuel percentage. The fuel percentage is the percentage ratio of the amount of the fuel burned at the facility to the total amount of such fuel allowed to be burned at the facility pursuant to sub-subparagraph b. The sum of the fuel percentages for all fuels burned by the facility shall not exceed 100 percent.

#### Analysis

Total fuel consumed at the Southern Sand and Stone, Inc. limestone aggregates plant, including the additional relocatable crusher, will not exceed the annual rates shown above.

- 2. Rule 62-210.310(5)(e)3.c., F.A.C.
- c. Pursuant to Rule 62-296.320, F.A.C., the following reasonable precautions shall be employed to control unconfined emissions of particulate matter.
- (I) Unconfined emissions from all relocatable nonmetallic mineral processing plants, except those located at mines or quarries and processing only material from onsite natural deposits, and all stationary nonmetallic mineral processing plants that process dry material shall be controlled by using a water suppression system with spray bars located wherever unconfined emissions occur at the feeder(s), the entrance and exit of the crusher(s), the classifier screens, and the conveyor drop points.
- (II) Unconfined emissions generated by vehicular traffic or wind shall be controlled by applying water (by water trucks equipped with spray bars) or effective dust suppressant(s) on a regular basis to all stockpiles, roadways and work yards where the nonmetallic mineral processing plant is located.

#### Analysis

The Southern Sand and Stone, Inc. limestone aggregates plant, including the additional relocatable crusher, will comply with the above requirements regarding reasonable precautions to control unconfined emissions of particulate matter.

- 3. Rule 62-210.310(5)(e)3.d., F.A.C.
- d. Visible emissions from any crusher, grinding mill, screening operation, bucket elevator, transfer point on belt conveyors, bagging operation, storage bin, enclosed truck or railcar loading station, or any other affected emission point at a nonmetallic mineral processing plant not subject to 40 CFR Part 60, Subpart OOO, shall be less than twenty percent (20%) opacity, pursuant to Rule 62-296.320, F.A.C.

#### **Analysis**

The Southern Sand and Stone, Inc. limestone aggregates plant will comply with the above requirements regarding visible emissions for the types of emission sources listed above that are not subject to NSPS Subpart OOO.

- 4. Rule 62-210.310(5)(e)3.e.
- e. Nonmetallic mineral processing plants subject to 40 CFR Part 60, Subpart OOO, shall comply with all applicable standards, limitations, and requirements of Subpart OOO. Such facilities shall conduct initial performance tests for particulate matter and visible emissions in accordance with all requirements of

Subpart OOO and 40 CFR Part 60, Subpart A, adopted and incorporated by reference at Rule 62-204.800, F.A.C. Thereafter, such facilities shall conduct performance tests for visible emissions annually pursuant to Rule 62-297.310, F.A.C. The annual visible emissions performance tests shall be conducted in accordance with the test methods and procedures set forth at Subpart OOO. All test results shall be reported to the Department in accordance with the provisions of Rule 62-297.310, F.A.C.

#### <u>Analysis</u>

The Southern Sand and Stone, Inc. limestone aggregates plant emission sources that are subject to NSPS Subpart OOO will comply with the above requirements.

#### 5. Rule 62-210.310(5)(e)3.f., F.A.C.

f. The owner or operator of any relocatable nonmetallic mineral processing plant proposing to change location shall notify the Department by telephone, e-mail, fax, or written communication at least one (1) business day prior to changing location and transmit (by e-mail, fax, post, or courier) a Facility Relocation Notification Form (DEP Form No. 62-210.900(6)) to the Department no later than five (5) business days following relocation.

#### **Analysis**

The Southern Sand and Stone, Inc. limestone aggregates plant additional relocatable crusher will comply with the above requirements regarding relocation notifications.

### 5. Rule 62-210.310(5)(e)4., F.A.C.

A facility using this air general permit may collocate with other facilities that separately registered for, and are also using, the nonmetallic mineral processing plant air general permit, and with facilities using the concrete batching plant air general permit at paragraph 62-210.310(5)(b), F.A.C., even if under the control of different persons, provided the following conditions are met.

- a. The collocation site shall not contain any emissions units and pollutant-emitting activities other than concrete batching plants using air general permits, nonmetallic mineral processing plants using air general permits, and nonmetallic mineral processing plants or other emissions units and pollutant-emitting activities exempted from permitting pursuant to subsection 62-210.300(3), F.A.C., or Rule 62-4.040, F.A.C.
- b. The fuel usage limitations of sub-subparagraphs 62-210.310(5)(e)3.b. and c., F.A.C., shall apply to the collocation site. The owners or operators of all collocated concrete batching plants and nonmetallic mineral processing plants shall maintain records to account for site-wide fuel consumption for each calendar month and each consecutive twelve (12) months. The owners or operators shall retain these records, available for Department inspection, for a period of at least five (5) years

#### Analysis

The Southern Sand and Stone, Inc. limestone aggregates plant is collocated with the Preferred Materials, Inc. concrete batch plant. Both facilities combined will comply with the fuel consumption limits specified by Rules 62-210.310(5)(e)3.a. and b.

October 22, 2008

FDEP Receipts Post Office Box 3070 Tallahassee, Florida 32315-3070

Attention: Mr. Dickson Dibble

Re: Southern Sand and Stone, Inc.

Willow Run Quarry Limestone Aggregates Plant

Air General Permit Registration Forms

Dear Mr. Dibble:

Operation of the Southern Sand and Stone, Inc. Willow Run Quarry limestone aggregates plant is presently authorized by Air General Permit for Nonmetallic Mineral Processing Plant (Crushing Operations) pursuant to Rule 62-210.310(5)(e), F.A.C.; reference Air General Permit Registration Form received by the Department on August 25, 2008, and the Department's response dated September 25, 2008. The Willow Run Quarry is located at 9200 Collier Boulevard in Naples, Collier County, Florida.

An Air General Permit re-registration form that addressed two additional relocatable crushers located at the Willow Run Quarry was recently submitted to the Department. As you advised, separate registration forms are required since the two crushers may be relocated independently in the future. Accordingly, Southern Sand and Stone, Inc. requests withdrawal of the previously submitted Air General Permit re-registration form.

Two Nonmetallic Mineral Processing Plants (Crushers) Air General Permit Initial Registration Forms are enclosed to address the two additional relocatable crushers located at the Willow Run Quarry limestone aggregates plant. A check in the amount of \$200.00 is also enclosed as payment of the permit processing fee.

If you have any questions regarding this matter, please contact me at (239) 825-4180 or by email at cldevservices@comcast.net.

Sincerely,

Clark Leaming Land Manager

Willow Run Trust

**Enclosures** 

### 6. Rule 62-210.310(5)(e)4., F.A.C.

Under the authority of this air general permit, a relocatable nonmetallic mineral processing plant may perform a non-routine task, such as crushing concrete for a demolition project, at a facility with authorization by individual air construction or non-Title V air operation permit, without revision to the facility's individual air permit. Any such nonmetallic mineral processing plant shall not be deployed at a single site for more than six (6) months in any consecutive twelve (12) months. The owner or operator of such nonmetallic mineral processing plant shall keep records to indicate how long the plant has been at the permitted facility. No nonmetallic mineral processing plant using this air general permit shall perform a task routinely done at the individually permitted facility, such as crushing recycled asphalt pavement (rap) at an asphalt plant, unless operation of the nonmetallic mineral processing plant is authorized by the air construction permit or non-Title V air operation permit, as applicable, for the permitted facility.

#### Analysis

The Southern Sand and Stone, Inc. limestone aggregates plant relocatable crusher, which is collocated with the Better Roads, Inc. Asphalt Plant No. 4, may process recycled asphalt pavement (RAP). Emission Unit ID No. 003 (fugitive emissions) of non-Title V Department Air Operation Permit No. 7774818-006-AO for the asphalt plant specifically authorizes RAP processing.



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Day

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**Delivery Date** 

Post Office To Addressee **Employee Signature** 

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Postage Next 2nd 2nd Del. Day Scheduled Date of Delivery Return Receipt Fee

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South in Sand & Stone

Niples. 72 34109

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Mailer Signature

**Employee Signature** 

Employee Signature

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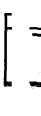
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### Florida Department of Environmental Protection Cash Receiving Application (CRA) Cashlisting by Deposit #: 291232 thru 291232 Printed: 10/27/2008 3:21:45 PM - Page 10

Cashlisting: Deposit No:

71759 291232

Cashlist Area:

Date Deposited: 10/27/2008

3755

Description: DIV OF AIR RESOURCES MGMT.

Contact: E. WALKER

Object 002272		nittal Dep DDN PLY 486585	Receipt Number 640957	Pre- Numbered Receipt	NameSOUTHERN SAND & STONE, INC  Object Code 002272 Subtotal:	Check Number 10481	Payment Amount \$200.00	Reference Account 1775548-001 11/17/2008 - Win C	Payment Number 905666	Remittance Number 800264	Fund PFTF	<u>Grant</u>
002278	51156 51156 51156 51156	486577 486577 486580 486581	640949 640949 640952 640953		CROSS CONSTRUCTION SERVICES,IN CROSS CONSTRUCTION SERVICES,IN MARCOR REMEDIATION, INC ACT PAYROLL ACCOUNT	8492 8492 03001887 5925	\$200.00 \$200.00 \$300.00 \$600.00	50980 50918	905648 905649 905664 905665	800256 800256 800259 800260	APCTF APCTF APCTF	
					Object Code 002278 Subtotal:		\$1,300.00					
					Cashlisting 71759 Total:		\$1,500.00					

### SOUTHERN SAND AND STONE, INC. Naples, Florida

10481

Check Date 10/2	22/08 Ch	leck Number 10481		_		
Invoice No.	Date	Description	Gross	Not Paid	DISCOUNT	Net Amount
PROCESSING FEE	10/22/08		\$200.00			\$200.00
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(1482) FLORIDA DEPAR	TMENT OF E	ENVIRONMENTAL PROTECT	\$200.00	\$0.00	\$0.00	\$200.00