



Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Colleen M. Castille
Secretary

August 16, 2004

Mr. Mark Neumann, C.F.E., ASA, Director
Personal Property Division
Department of Property Appraisal
111 NW 1st Street, Suite 710
Miami, Florida 33128-1984

Re: Florida Rock Industries Folio Nos. 06-490784 and 06-490786

Dear Mr. Neumann:

I have reviewed the material attached to your letter of July 28, 2004, concerning's Florida Rock Industries' Returns of Pollution Control Devices including the material provided by Ms. Mary Glisson. In my opinion the items of equipment described as "Dust Collectors" and one "Cat Water Wagon" are "primarily for the purpose of pollution control" and are eligible for assessment as pollution control devices pursuant to §193.621, Florida Statutes. Although no certification by a licensed engineer was included, the copies of air pollution source permits indicate that the pollution control equipment has been reviewed and approved by DERM or DEP engineers

If there are any questions on this determination, please contact me at (850) 497-0472.

Sincerely,

Hamilton S. Owen
Hamilton S. Owen, P.E.

MIAMI-DADE COUNTY, FLORIDA



DEPARTMENT OF
ENVIRONMENTAL PROTECTION

AUG 06 2004



STEPHEN P. CLARK CENTER

SITING COORDINATION

DEPARTMENT OF PROPERTY APPRAISAL
PERSONAL PROPERTY DIVISION

SUITE 710

111 NW 1ST STREET

MIAMI FLORIDA 33128-1984

(305) 375-4070

FAX (305) 375-3024

www.miamidade.gov

July 28, 2004

Hamilton S. Oven, P.E.
Administrator, Siting
Coordination Section
Marjory Stoneman Douglas Building
3900 Commonwealth Blvd
Tallahassee, Fl 32399-3000

Re: Florida Rock Industries, Inc.

Dear Mr. Oven:

I am forwarding to you a copy of the information sent to us. Two Dust Collectors & one Cat Water Wagon to be considered as pollution classification. Let me point out that certain criteria has not been met, see highlighted area on criteria letter.

Please review and advise us whether or not you believe this system is entitled to the pollution classification. Thank you for your time.

Sincerely,

A handwritten signature in black ink that reads 'Mark Neumann'.

Mark Neumann, CFE, ASA
Division Director

MN/mh

OVNBFI80.WPS.

GENERAL OFFICE: 155 East 21ST Street / P.O. Box 4667 / Jacksonville, Florida 32201 / (904) 355-1781
FLORIDA ROCK INDUSTRIES INC Mining, Ready Mix Concrete, and Construction Products



July 16, 2004

Miami-Dade County Florida
Department of Property Appraisal
Personal Property Division
Suite 710
111 NW 1st Street
Miami, FL 33128-1984

Re: Return of Pollution Control Devices for Ad Valorem Tax Purposes

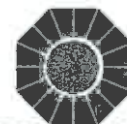
Dear Mr. Robbins,

In reference to your letter dated May 5, 2004 in request for proof of pollution control, enclosed please find copies of our Air General Permits for folio #'s 40-028422, 06-490784 & 06-490786. The equipment that we reported as pollution control, two Dust Collectors and one Cat Water Wagon, is included in these permits as required for pollution control as indicated.

If you have any questions, please don't hesitate to contact me at (904) 355-1781, extension 363.

Sincerely,

Mary Glisson
Fixed Asset Accountant



May 5, 2004

Florida Rock Industries, Inc.
Southern 3304
155 E. 21 St, P.O. Box 4667
Jacksonville, FL 32201-4667

DEPARTMENT OF PROPERTY APPRAISAL
PERSONAL PROPERTY DIVISION
SUITE 710
111 NW 1ST STREET
MIAMI FLORIDA 33128-1984
(305) 375-4070
FAX (305) 375-3024

Dear Taxpayer:

www.miamidade.gov

We are in receipt of your application (DR 492-RETURN OF POLLUTION CONTROL DEVICES FOR AD VALOREM TAX PURPOSES for folios #: 40-028422, 06-490784 & 06-490786. In accordance with your request and Florida Statute 193.621(5) and Department of Revenue, Ad Valorem Tax Assessment Rules, Chapter 62.8, we are requesting that you submit the following information for consideration in determining whether the facilities claimed are used primarily for pollution control purposes and subject to assessment under Chapter 193.621 of the Florida Statutes:

In considering an assessment for ad valorem taxes under Section 193.621, Florida Statutes, the tax assessor may utilize the following guidelines in determining whether the facilities claimed are used primarily for pollution control purposes and subject to assessment under Chapter 193, Florida Statutes:

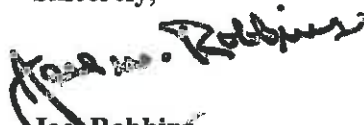
- (1) If the person owning or responsible for operation of the facility secured approval of such equipment prior to its installation, in accordance with the rules and regulations of the Board.
- (2) Upon written request by a tax assessor, the Florida Pollution Control Board will determine the applicable use of a facility with respect to subsection 193.621(1), Florida Statutes. For this purpose the applicant must submit to the assessor, for submission to the Department, the following information prepared by a professional engineer registered in the State of Florida:
 - (a) Plans and specifications and related documents describing the equipment alleged to be used for pollution control. Plans or other information relative to the process which is controlled, adequate in scope to validate the claim for the proposed control equipment.
 - ✓(b) A list of pollution control equipment which the applicant declares subject to assessment under Chapter 193, Florida Statutes, certified as to its true primary use by the engineer. The assessor may require on the equipment list the salvage value of each item.
 - ✓(c) The original installed cost and year of acquisition for these assets.

As required by DOR Chapter 62.8, the above information must be prepared by a professional engineer registered in the State of Florida.

The information submitted will be forwarded to the Florida Pollution Control Board, Department of Environmental Regulation, State of Florida, for their review and recommendation.

If there are any questions, you may contact Mark Neumann at (305) 375-4070.

Sincerely,


Joel Robbins
Property Appraiser

DR-492
R. 8/83

**RETURN OF POLLUTION CONTROL DEVICES
FOR AD VALOREM TAX PURPOSES**
FLORIDA STATUTES CHAPTER 193.621

To the Property Appraiser: _____

State of Florida, County of Miami-Dade

..... Return is hereby made for the assessment of the following described property under Florida Statutes as pollution control devices.

Description of Property

Dust Collector

Description of Facility

Highway 27 Ready Mix, # 3304

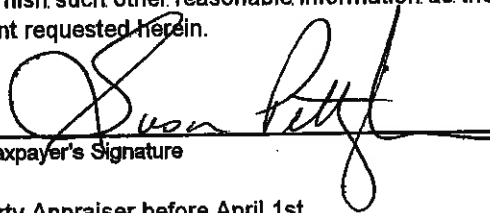
DERM Air permit #
- AP-2041-2003

located at: 13801 N.W. 186th Street

in the city limits of: Hialeah, FL 33018

Name and address of owner: Florida Rock Industries, Inc.
155 East 21st Street
Jacksonville, Florida 32206

..... The undersigned taxpayer hereby agrees to furnish such other reasonable information as the Appraiser may request in regard to the assessment requested herein.


Taxpayer's Signature

..... This form must be filed with the County Property Appraiser before April 1st.

ORIGINAL TO BE RETAINED BY PROPERTY APPRAISER
COPY TO BE GIVEN TO TAXPAYER

DR-492
R. 8/83

**RETURN OF POLLUTION CONTROL DEVICES
FOR AD VALOREM TAX PURPOSES
FLORIDA STATUTES CHAPTER 193.621**

To the Property Appraiser _____

State of Florida, County of Miami-Dade _____

Return is hereby made for the assessment of the following described property under Florida Statutes as pollution control devices.

Description of Property

Dust Collector

Description of Facility

Miami Concrete, # 3303

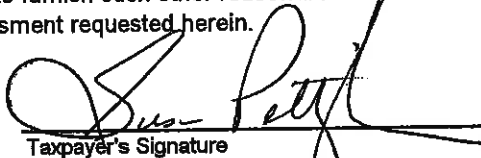
located at: 12201 N.W. 25th Street

in the city limits of: Miami, FL 33182

DERM Air permit #
AP-000252-2003

Name and address of owner: Florida Rock Industries, Inc.
155 East 21st Street
Jacksonville, Florida 32206

The undersigned taxpayer hereby agrees to furnish such other reasonable information as the Appraiser may request in regard to the assessment requested herein.


Taxpayer's Signature

This form must be filed with the County Property Appraiser before April 1st.

ORIGINAL TO BE RETAINED BY PROPERTY APPRAISER
COPY TO BE GIVEN TO TAXPAYER

DR-492
R. 8/83

**RETURN OF POLLUTION CONTROL DEVICES
FOR AD VALOREM TAX PURPOSES
FLORIDA STATUTES CHAPTER 193.621**

To the Property Appraiser _____

State of Florida, County of Miami Dade _____

Return is hereby made for the assessment of the following described property under Florida Statutes as pollution control devices.

Description of Property

1967 Cat Water Wagon 631B _____

Description of Facility

Miami - #1115

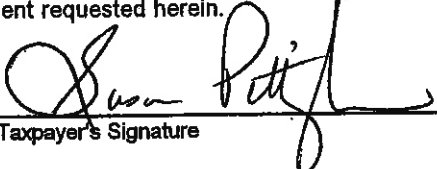
located at: 12201 NW 25th Street

in the city limits of: Miami, FL 33182 _____

DERM Air permit
0250006-007-AO

Name and address of owner: Florida Rock Industries, Inc.
155 East 21st Street
Jacksonville, Florida 32206

The undersigned taxpayer hereby agrees to furnish such other reasonable information as the Appraiser may request in regard to the assessment requested herein.


Taxpayer's Signature

This form must be filed with the County Property Appraiser before April 1st.

ORIGINAL TO BE RETAINED BY PROPERTY APPRAISER
COPY TO BE GIVEN TO TAXPAYER



Folio #'s 06-490786
40-028422

Department of Environmental Protection

DIVISION OF AIR RESOURCES MANAGEMENT

CONCRETE BATCHING PLANT AIR GENERAL PERMIT NOTIFICATION FORM

Part I. Procedures For Use of Air General Permit

- (1) **Eligibility Determination.** The Department of Environmental Protection has established an air general permit under Rule 62-210.300(4)(a)7., F.A.C., for concrete batching plants, the principal terms and conditions of which are listed in Part II of this Concrete Batching Plant Air General Permit Notification Form. A concrete batching plant may use this air general permit provided the facility meets the eligibility criteria set forth in the rule and, throughout the term of the general permit, complies with the terms and conditions of the general permit. The owner or operator of the concrete batching plant shall determine the facility's eligibility for use of the air general permit and notify the Department of intent to use the general permit. No facility is eligible to use more than one air general permit.
- (a) A new or existing concrete batching plant is eligible for use of the air general permit established at Rule 62-210.300(4)(a)7., F.A.C., provided the owner or operator timely submits a completed Concrete Batching Plant Air General Permit Notification Form to the Department (see paragraph (2) below) and, throughout the term of the general permit:
 - 1. The facility operates no emissions units other than the concrete batching plant and emissions units which are exempt from permitting pursuant to the criteria of Rule 62-210.300(3)(a) or (b), F.A.C.; and
 - 2. The facility is not a Title V source as defined in Rule 62-210.200, F.A.C.
 - (b) No concrete batching plant subject to a particulate matter Reasonably Available Control Technology (RACT) emission limiting standard of Rules 62-296.701 through .712, F.A.C., shall be eligible to use the concrete batching plant air general permit.
 - (c) The owner or operator of any concrete batching plant that would use this air general permit must surrender all existing air permits authorizing the operation of the facility.
 - (d) The owner or operator of any concrete batching plant that is eligible to use this air general permit and who operates the facility in compliance with the terms and conditions of the general permit shall not be required to obtain an air construction permit or air operation permit pursuant to Rule 62-210.300(1) or (2), F.A.C., respectively.
 - (e) If a facility using this air general permit at any time becomes ineligible for use of the general permit, or if it is determined to have been initially ineligible for use of the air general permit, it shall be subject to enforcement action for operating without an air permit under Rule 62-210.300(1) or (2), F.A.C.

- (2) **Notification.** For each eligible facility intending to operate under the provisions of the concrete batching plant air general permit (Rule 62-210.300(4)(a)7., F.A.C.), the owner or operator must complete and submit Part III of this Concrete Batching Plant Air General Permit Notification Form to give notice to the Department of intent to use such permit. The owner or operator shall submit Part III of this notification form to the appropriate Department of Environmental Protection district office or local air pollution control program office to which the Department has delegated its permitting authority.

 - (a) Any proposed new concrete batching plant, or existing relocatable concrete batching plant which is proposing to change location, may operate under the terms and conditions included herein, provided the facility is eligible to use the air general permit and the owner or operator:

 1. Submits a completed Part III of this notification form to the Department or approved local program at least 45 days prior to beginning construction or relocation;
 2. Publishes in a newspaper of general circulation, in the area affected by the proposed project, a notice of intent to use the general permit no more than 14 days after submitting Part III of this notification form. The notice of intent shall follow the format in Rule 62-103.150, F.A.C; and
 3. Submits proof of publication to the Department or approved local program within 7 days of the publication date.
 - (b) Any existing concrete batching plant which is not changing location, and which is eligible to use this air general permit, may operate under the terms and conditions included herein, provided the owner or operator submits a completed Part III of this notification form to the Department or approved local program at least 30 days prior to the expiration date of any existing air operation permit or air general permit.
- (3) **Processing Fee.** The notification form must be accompanied by the appropriate general permit processing fee pursuant to Rule 62-4.050, F.A.C.
- (4) **Administrative Corrections.** Within 30 days of any changes requiring corrections to information contained in this notification form, the owner or operator shall notify the appropriate permitting office in writing. Such changes shall include:

 - (a) Any change in name of the authorized representative or facility address or phone number, or
 - (b) A change in facility status requiring more frequent monitoring or reporting by the owner or operator from that noted on the most recent notification form.
- (5) **Violation of Permit.** The concrete batching plant air general permit is valid only for the specific activity indicated. Any deviation from the specified activity and the conditions for undertaking that activity is a violation of the permit. The owner or operator is placed on notice that violation of the permit constitutes grounds for revocation and suspension pursuant to Rules 62-4.100 and 62-4.530(4), F.A.C., and initiation of enforcement action pursuant to Sections 403.141 through 403.161, F.S. No revocation shall become effective except after notice is served by personal service, certified mail, or newspaper notice pursuant to Section 120.60(7), F.S., upon the person or persons named therein and a hearing held, if requested within the time specified in the notice. The notice shall specify the provision of the law or rule alleged to be violated, or the permit condition or Department order alleged to be violated, and the facts alleged to constitute a violation thereof.
- (6) **Nullification of Eligibility.** Eligibility for use of an air general permit under Rule 62-210.300(4), F.A.C., is automatically nullified by:

 - (a) Submission of false or inaccurate information in the notification form for use of the air general permit or in the required reports;
 - (b) Refusal of lawful inspection by staff of the DEP or its agents under Section 403.091, F.S.; or
 - (c) Failure to submit operational reports or other information required by the air general permit.

CONCRETE BATCHING PLANT AIR GENERAL PERMIT NOTIFICATION FORM

Part II. Permit Terms and Conditions

(Retain onsite for use by facility staff.)

- (1) **Applicability.** This part of the Concrete Batching Plant Air General Permit Notification Form includes the principal terms and conditions of the air general permit for concrete batching plants established by the Department at Rule 62-210.300(4)(a)7., F.A.C. Throughout the term of the general permit, the owner or operator shall ensure that the facility maintains its eligibility to use this air general permit and complies with all terms and conditions of the general permit.

- (2) **General Conditions.** All terms, conditions, requirements, limitations, and restrictions set forth in Rule 62-4.540, F.A.C., and certain other requirements set forth in the air pollution control rules of the Department are "general permit conditions" and are binding upon the owner or operator of the facility utilizing the concrete batching plant air general permit. These conditions include the following:
 - (a) A permittee's use of a general permit is limited to five years. However, the permittee may request continued use of the general permit by notifying the Department pursuant to Rule 62-4.530(1). However, the permittee shall give notice of continued use of a general permit thirty days before it expires.
 - (b) The general permit is valid only for the specific activity indicated. Any deviation from the specified activity and the conditions for undertaking that activity shall constitute a violation of the permit. The permittee is placed on notice that violation of the permit may result in suspension or revocation of the permittee's use of the general permit and may cause the Department to begin legal proceedings.
 - (c) The general permit does not convey any vested rights or any exclusive privileges. It does not authorize any injury to public or private property nor any invasion of personal rights. It does not authorize any infringement of federal, state, or local laws or regulations. It does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent standards established by federal or local law.
 - (d) The general permit does not relieve the permittee from liability and penalties when the construction or operation of the permitted activity causes harm or injury to human health or welfare; causes harm or injury to animal, plant or aquatic life; or causes harm or injury to property. It does not allow the permittee to cause pollution in contravention of Florida Statutes and Department rules.
 - (e) The general permit conveys no title to land or water, nor does it constitute State recognition or acknowledgment of title. It does not constitute authority for reclamation of submerged lands. Only the Board of Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
 - (f) No general permit shall authorize the use of state owned land without the prior consent of the Board of Trustees of the Internal Improvement Trust Fund pursuant to Section 253.77, F.S.
 - (g) The general permit may be modified, suspended or revoked in accordance with Chapter 120, Florida Statutes, if the Secretary determines that there has been a violation of any of the terms or conditions of the permit, there has been a violation of state water quality standards or state air quality standards, or the permittee has submitted false, incomplete or inaccurate data or information.
 - (h) The general permit shall not be transferred to a third party except pursuant to Florida Administrative Code Rule 62-4.120.
 - (i) The general permit authorizes construction and where applicable operation of the permitted facility.
 - (j) The permittee agrees in using the general permit to make every reasonable effort to conduct the specific activity or construction authorized by the general permit in a manner that will minimize any adverse effects on adjacent property or on public use of the adjacent property, where applicable, and on the environment, including fish, wildlife, natural resources of the area, water quality or air quality.
 - (k) The permittee agrees in using the general permit to allow a duly authorized representative of the Department access to the permitted facility or activity at reasonable times to inspect and test upon presentation of credentials or other documents as may be required by law to determine compliance with the permit and the Department rules.

- (l) The permittee agrees to maintain any permitted facility, or activity in good condition and in accordance with the plans submitted to the department under Rule 62-4.530(1).
- (m) The general permit shall be effective until suspended, revoked, surrendered, expired, or nullified pursuant to Rule 62-4.530, F.A.C.
- (n) The general permit does not authorize any demolition or renovation of the facility or its parts or components which involves asbestos removal. The general permit does not constitute a waiver of any of the requirements of Chapter 62-257, F.A.C., and 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos, adopted and incorporated by reference in Rule 62-204.800, F.A.C.
- (o) The general permit does not authorize any open burning nor does it constitute any waiver of the requirements of Chapter 62-296.320(3), F.A.C.
- (p) No person shall circumvent any air pollution control device, or allow the emission of air pollutants without the applicable air pollution control device operating properly. (Rule 62-210.650, F.A.C.)
- (q) If, for any reason the owner or operator of the facility operating under the air general permit does not comply with or will be unable to comply with any condition or limitation of the permit, the permittee shall immediately provide the appropriate permitting office with the following information:
 - 1. A description of and cause of noncompliance; and
 - 2. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result. (Rule 62-210.300(4)(d), F.A.C.)

(3) Definitions. The following words and phrases, when used in this form, shall have the following meanings:

- (a) "Department" or "DEP" - The State of Florida Department of Environmental Protection.
- (b) "Emission Limiting Standard" - Any restriction established in or pursuant to a regulation adopted by the Department which limits the quantity, rate, concentration or opacity of any pollutant released, allowed to escape or emitted, whether intentionally or unintentionally, into the atmosphere, including any restriction which prescribes equipment, sets fuel specifications, or prescribes operation or maintenance procedures for an emissions unit to assure emission reduction or control.
- (c) "Emissions Unit" - Any part or activity of a facility that emits or has the potential to emit any air pollutant.
- (d) "Facility" - All of the emissions units which are located on one or more contiguous or adjacent properties, and which are under the control of the same person (or persons under common control).
- (e) "Owner" or "Operator" - Any person or entity who or which owns, leases, operates, controls or supervises an emissions unit or facility.
- (f) "Relocatable Facility" - A facility such as, but not limited to, an asphalt plant, portable power generator, or cement batch plant, which is designed to be physically moved to, and operated on, different sites by being wholly or partially dismantled and re-erected in essentially the same configuration. It shall not be operable while in transit.
- (g) "Unconfined Emissions" - Emissions which escape and become airborne from unenclosed operations or which are emitted into the atmosphere without being conducted through a stack.

(4) Control Technology/Recordkeeping Requirements.

- (a) Emissions from silos, weigh hoppers (batchers), and other enclosed storage and conveying equipment shall be controlled to the extent necessary to limit visible emissions to 5 percent opacity. (Rule 62-296.414(1), F.A.C.)
- (b) The owner or operator shall take reasonable precautions to control unconfined emissions from hoppers, storage and conveying equipment, conveyor drop points, truck loading and unloading, roads, parking areas, stock piles, and yards per the conditions of Rule 62-296.320(4)(c), F.A.C. The following shall constitute reasonable precautions:
 - 1. Management of roads, parking areas, stock piles, and yards, which shall include one or more of the following:
 - a. Paving and maintenance of roads, parking areas, and yards.

- b. Application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions.

- c. Removal of particulate matter from roads and other paved areas under control of the owner or operator to mitigate reentrainment, and from building or work areas to reduce airborne particulate matter.
 - d. Reduction of stock pile height or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles.
 - 2. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck.
 - (c) All emissions tests performed shall comply with the following requirements. (Rule 62-296.414(3), F.A.C.)
 - 1. The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C.
 - 2. Test procedures shall meet all applicable requirements of Chapter 62-297, F.A.C.
 - 3. Visible emissions tests of silo dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons per hour unless such rate is unachievable in practice. If emissions from the weigh hopper (batcher) operation are also controlled by the silo dust collector, then the batching operation shall be in operation during the visible emissions test. The batching rate during the emissions test shall be representative of the normal batching rate and duration. Each test report shall state the actual silo loading rate during emissions testing and, if applicable, whether or not batching occurred during emissions testing.
 - 4. If emissions from the weigh hopper (batcher) operation are controlled by a dust collector which is separate from the silo dust collector, visible emissions tests of the weigh hopper (batcher) dust collector exhaust point shall be conducted while batching at a rate that is representative of the normal batching rate and duration. Each test report shall state the actual batching rate during emissions testing.
 - (d) Per the conditions of Rule 62-297.310(7)(a), F.A.C., each dust collector exhaust point shall be tested annually for compliance with the visible emission limiting standard of Rule 62-296.414(1), F.A.C. New facilities permitted pursuant to Rule 62-210.300(4), F.A.C., Air General Permits, shall demonstrate initial compliance no later than 30 days after beginning operation, and annual compliance within 60 days prior to each anniversary of the air general permit notification form submittal date. Existing facilities permitted pursuant to Rule 62-210.300(4), F.A.C., Air General Permits, shall demonstrate compliance within 60 days prior to submitting an air general permit notification form and within 60 days prior to each anniversary of the air general permit notification form submittal date.
 - (e) Each dust collector exhaust point shall be tested for a minimum of 30 minutes or, if the operation is normally completed within less than 30 minutes and does not recur within that time, the test shall last for the length of the loading operation. (Rule 62-297.310(4)(a), F.A.C.)
- (5) **Other.** The general permit does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent standards established by federal or local law. The general permit does not allow the permittee to cause pollution in contravention of Florida Statutes and Department rules (see (2)(c) and (d) of this form). Local program requirements may apply.

Instructions for Completing Part III of Notification Form

General Facility Information

Facility Owner/Company Name - Enter the name of the person or entity (company, corporation, or agency) who or which owns, leases, operates, controls, or supervises the concrete batching plant.

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

Facility Location - Enter the street address and zip code of the facility and the city and county in which it is located. If this form provides notice of the relocation of an existing facility, provide the new address. Provide the physical location of the facility, not the mailing address.

Facility Start-Up Date - Enter the estimated start-up date of the proposed new facility or the estimated start-up date of the relocatable facility at the new location as indicated above.

Relocatable - A relocatable facility is designed to be physically moved to, and operated on, different sites by being wholly or partially dismantled and re-erected in essentially the same configuration. Indicate whether the facility is relocatable (YES) or is not relocatable (NO).

Owner/Authorized Representative

Name and Title of Owner/Authorized Representative - Enter the name and title of the individual owner or the authorized representative of the corporate or governmental owner of the facility who, by signing this form, is certifying that the facility is eligible for the concrete batching plant air general permit.

Owner/Authorized Representative Mailing Address - Enter the mailing address for the owner or authorized representative.

Owner/Authorized Representative Telephone Number - Enter the telephone number and facsimile number, if available, at which this person can be contacted.

Facility Contact

Name and Title of Facility Contact - Enter the name of the facility contact, if other than the owner or authorized representative. For example, a plant manager could be designated as the facility contact for Department inspections.

Facility Contact Address - Enter the mailing address for the facility contact, if different than the owner address.

Facility Contact Telephone Number - Enter the telephone number and facsimile number, if available, at which this person can be contacted.

Notification Type

Check one box to indicate whether this form provides notification of a proposed new facility, an existing facility which was last permitted at its current location, or a relocatable facility which is proposing to changing location.

Relocation Information

MIAMI-DADE COUNTY, FLORIDA



ENVIRONMENTAL RESOURCES MANAGEMENT
AIR QUALITY MANAGEMENT DIVISION
33 S.W. 2nd AVENUE
SUITE 900
MIAMI, FLORIDA 33130-1540
TELEPHONE: (305) 372-6925
FAX: (305) 372-6954

NOTICE OF AIR POLLUTION PERMIT

June 7, 2001

Folio # 06-490784

CERTIFIED MAIL: 7000 0600 0025 3506 6660
RETURN RECEIPT REQUESTED

ISSUED TO:

Mr. Michael O'Berry
Manager Environmental Permitting Services
Florida Rock Industries, Inc.
P.O. Box 4667
Jacksonville, FL 32201

Permit Number: 0250006-007-AO
Issue Date: June 7, 2001
Expiration Date: June 6, 2006

PROJECT: Florida Rock Industries, Inc., Miami Quarry, Air Operating Permit.

Facility Description: Crushed and Broken Limestone Quarry Facility (SIC# 1422).
Location: 12201 NW 25TH Street, Miami, Florida 33152
Lat./Long: 25° 48' 16" N / 80° 24' 05" W

Dear Mr. O'Berry:

This is Permit Number 0250006-007-AO to operate an air pollution source issued by the **Miami-Dade County Department of Environmental Resources Management (DERM)** pursuant to **Chapter 24, Code of Miami-Dade County and Chapter 403.087, Florida Statutes (F.S.)**. This is a state air operating permit authorizing the operation of the emissions units described in this permit.

The Florida Department of Environmental Protection (FDEP) has permitting jurisdiction under Section 403.087, Florida Statutes (F.S.). However, in accordance with Section 403.182, F.S., the FDEP recognizes the DERM as the approved local air pollution control program of Miami-Dade County. Through a Specific Operating Agreement, the FDEP delegated to the DERM the authority to issue or deny permits for this type of air pollution source located in Miami-Dade County.

NOTICE OF RIGHTS:

Any party to this Order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rule of Appellate Procedure, with the Clerk of the Miami-Dade County Department of Environmental Resources Management, Air Facilities Section at 33 SW 2nd Avenue, Suite 900, Miami, Florida 33130-1540, and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeals. The Notice of Appeal must be filed within 30 days from the date this Order is filed with the Clerk of the DERM.

Florida Rock Industries (FRI), Inc.
(Miami Quarry)
Permit Number: 0250006-007-AO

STATEMENT OF BASIS:

This permit is issued under the provisions of Chapter 24, Code of Miami-Dade County, Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Rules 62-4, and 62-204 through 62-297, and in conformance with all existing regulations of the FDEP and the DERM rules. The above named permittee is hereby authorized to operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the DERM and made a part hereof and specifically described in this permit.

PERMIT CONTENTS:

Part I -- Summary Information
Part II -- Facility-Wide Specific Conditions
Part III -- Emissions Unit Specific Conditions
Appendix A -- General Conditions

PART I -- SUMMARY INFORMATION

OPERATE: This permit addresses the following air pollution emissions unit(s):

Emission Unit Number	Emission Unit Description
003	Crusher subject to NSPS, 40 CFR 60 Subpart OOO
004	Crusher not subject to NSPS, 40 CFR 60 Subpart OOO
005	Affected facilities except crushers subject to NSPS, 40 CFR 60 Subpart OOO
006	Processing equipment except crushers not subject to NSPS, 40 CFR 60 Subpart OOO
007	Diesel powered units

SIGNIFICANT DATES:

Application Received: March 9, 2001

PERMIT HISTORY:

Permit No. 0250006-005/006-AC issued November 20, 2000
Permit No. 0250006-004-AC issued July 8, 1999
Permit No. 0250006-003-AO issued January 22, 1996.
Permit No. 0250006-002-AC issued January 22, 1996
Permit No. AO 13246053 issued May 26, 1994
Permit No. AC 13223473 issued April 6, 1993
Permit No. AO 133200979 issued October 3, 1991
Permit No. AO 13117239 issued August 4, 1986

PART II -- FACILITY-WIDE SPECIFIC CONDITIONS

1.0 Administrative Requirements

- 1.1 Regulating Agencies: All applications, tests, reports, notifications, or other submittals required by this permit shall be submitted to the Miami-Dade County, Department of Environmental Resources Management, Air Facilities Section located at 33 SW 2nd Avenue, Suite 900, Miami, Florida 33130-1540.
- 1.2 Citation Format: In this permit, references to F.A.C. Rule 62-xxx refer to rules promulgated under Title 62 of the Florida Administrative Code; references (if any) to 40 CFR 60.xx (or 61.xx or 63.xx) refer to regulations codified under Part 60 (or 61 or 63) of Title 40 of the Code of Federal Regulations.
- 1.3 Specific and General Conditions: The owner or operator shall be subject to the specific conditions of this permit and the owner or operator shall be aware of, and operate under, the attached General Conditions, attached as Appendix A of this permit. General Conditions are binding and enforceable pursuant to Chapter 403, F.S.
[F.A.C. Rule 62-4.160]
- 1.4 Applicable Regulations: This facility is subject to regulation of Florida Administrative Code (F.A.C.) Rules 62-4, and 62-204 through 62-297. Issuance of this permit does not relieve the facility owner or operator from compliance with any other applicable federal, state or local permitting requirements or other regulations.
- 1.5 Waste Disposal: The owner or operator shall treat, store, and dispose of all liquid, solid and hazardous wastes in accordance with all applicable Federal, State and Local regulations.
- 1.6 Other Permits: This air pollution permit does not preclude the owner or operator from obtaining any other types of required permits, licenses or certifications from the DERM or other departments or agencies.
- 1.7 Renewal of This Permit Required: An application for renewal of this operation permit must be submitted to the DERM, Air Facilities Section at least 60 days prior to the expiration date of this permit. To apply for an operation permit, the applicant shall submit the appropriate application form in triplicate, the appropriate application fee, all required compliance test results, and such additional information as the DERM may by law require.
[F.A.C. Rule 62-4.030, 62-4.050, and 62-4.220]
- 1.8 Recertification: A request for recertification of this operating permit must be submitted annually to the DERM, Air Facilities Section, on the appropriate form, by June 30, along with the appropriate Miami-Dade County fee.
[Chapter 24-35.1, Code of Miami-Dade County]

Note that public notice may be required again at the time of renewal or revision of this permit if the facility or permit is materially changed from that described by this permit.
[F.A.C. Rule 62-210.350(4)(a)]

2.0 General Pollutant Emissions Limiting Standards

- 2.1 Objectionable Odor Prohibited: No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor.
[F.A.C. Rule 62-296.320(2)]
- 2.2 General Visible Emissions Standard: Unless otherwise specified by permit or rule, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than 20 percent opacity.
[F.A.C. Rule 62-296.320(4)(b)]

2.3 Volatile Organic Compounds/Organic Solvents Emissions:

No person shall store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emissions control devices or systems deemed necessary and ordered by the DERM.

Such controls include the following:

- Tightly cover or close all VOC containers when they are not in use.
- Tightly cover all open tanks which contain VOCs when they are not in use.
- Maintain all pipes, valves, fittings, etc., which handle VOCs in good operating condition.
- Confine rags used with VOCs to tightly-closed, fire-proof containers when not in use.
- Immediately confine and clean up VOC spills and make sure wastes are placed in closed containers for reuse, recycling or proper disposal.

[F.A.C. Rule 62-296.320(1)]

2.4 Unconfined Emissions of Particulate Matter:

No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction, alteration, demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions.

Reasonable precautions include the following:

- Paving and maintenance of roads, parking areas and yards.
- Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
- Application of asphalt, water, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities. *cat water wagon used in this capacity*
- Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
- Landscaping or planting of vegetation.
- Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
- Confining abrasive blasting where possible.
- Enclosure or covering of conveyor systems.
- Substitution of powdery materials with granular or pelletized materials, where possible.

[F.A.C. Rule 62-296.320(4)(c)]

3.0 Operation Requirements

3.1 Permitted Capacity: The processed raw material throughput is limited to 10,000,000 tons in any 12-month period.

[Rule 62-210.200, F.A.C., Definitions-PTE; requested by applicant]

3.2 Circumvention: No person shall circumvent any air pollution control device, or allow the emissions of air pollutants without the applicable air pollution control device operating properly.

[F.A.C. Rule 62-210.650]

3.3 Excess Emissions:

Excess emissions resulting from startup, shutdown or malfunction of any emissions unit shall be permitted providing best operational practices to minimize emissions are adhered to, and the duration of excess

emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the DERM for longer duration.

Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited.

[F.A.C. Rule 62-210.700]

4.0 Compliance Testing Requirements

- 4.1 Test Notification: Unless otherwise specified in this permit, the DERM, Air Facilities Section shall be notified in writing of expected compliance test dates (when required) at least fifteen (15) days prior to compliance testing. The notification shall include the following information: the date, time, and location of each test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner.

[F.A.C. Rule 62-297.310(7)(a)9]

- 4.2 Testing at Capacity: Compliance testing (when required) shall be conducted with the emissions units operating at the permitted capacity (90 to 100% of the maximum permitted operation rate of the emissions units). If an emissions unit is not tested at permitted capacity, the emissions unit shall not be operated above 110% of the test load until a new test showing compliance is conducted. Operation of the emissions unit above 110% of the test load is allowed for no more than 15 days for the purpose of conducting additional compliance testing to regain the authority to operate at the permitted capacity.

[F.A.C. Rule 62-297.310(2)]

- 4.3 Special Compliance Tests: When the DERM, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emissions standard in Rules 62-204 through 62-297 or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the DERM.

[F.A.C. Rule 62-297.310(7)(b)]

4.4 Determination of Process Variables.

- (a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.

- (b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

[Rule 62-297.310(5), F.A.C.]

5.0 Reporting and Record Keeping Requirements

- 5.1 Report Excess Emissions: In case of excess emissions resulting from malfunctions, each owner or operator shall notify the DERM in accordance with Rule 62-4.130, F.A.C. (condition 5.2 below). A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the DERM.

[F.A.C. Rule 62-210.700(6)]

- 5.2 Report Plant Operation Problems: If the owner or operator is temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the owner or operator shall immediately notify the DERM. Notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its recurrence, and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the owner or operator from any liability for failure to comply with the FDEP and the DERM rules.
[F.A.C. Rule 62-4.130]
- 5.3 Retain Records: All records required by this permit shall be kept by the owner or operator and made available for the DERM inspection for a minimum of two (2) years from the date of such records.
[F.A.C. Rule 62-160(14)(b)]
- 5.4 Compliance Test Reports: Compliance test reports (when required) shall be submitted to the DERM, Air Facilities Section, as soon as practical, but no later than 45 days after the last sampling run of each test is completed.
[F.A.C. Rule 62-297.310(8)(a) &(b)]
Test reports shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the DERM to determine if the test was properly conducted and the test results properly computed. Test reports, other than for an EPA or DEP Method 9 test, shall include the following information and other information as necessary to make a complete report required pursuant to F.A.C. Rule 297.310(8)(c):
- The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
 - The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emissions limiting standard.
 - The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
 - All measured and calculated data required to be determined by each applicable test procedure for each run.
 - The detailed calculations for one run that relate the collected data to the calculated emissions rate.
 - The applicable emissions standard, and the resulting maximum allowable emissions rate for the emissions unit, plus the test result in the same form and unit of measure.
- 5.5 Annual Report Required: On or before March 1 of each calendar year, a completed DEP Form 62-210.900(5), Annual Operations Report (AOR) Form for Air Pollutant Emitting Facility, shall be submitted to the DERM, Air Facilities Section. Included with this report shall be any additional reports, if any, required by this permit in Part III -- Emissions Unit Specific Conditions.
[F.A.C. Rule 62-4.070(3)]

Florida Rock Industries (FRI), Inc.
(Miami Quarry)
Permit Number: 0250006-007-AO

**PART III A
EMISSIONS UNIT SPECIFIC CONDITIONS**

This part of this permit addresses the following emissions units:

These Units are subject to 40 CFR Part 60, NSPS Subpart OOO: Standards of Performance for Non-Metallic Mineral Processing Plants.

Emission Unit Number	Emission Unit Description		
003	CRUSHER SUBJECT TO NSPS SUBPART OOO		
	DESCRIPTION	MANUFACTURER	CAPACITY
	North Primary: #4555 Impactor	Universal	425 tons per hour
	North Secondary: Impactor	Hazemag	300 tons per hour
	South Secondary: Impactor	Hazemag	300 tons per hour
	Portable (Ft. Pierce)	Hewitt Robbins	200 tons per hour
	Portable (Fort Myers)	Cedarapids	400 tons per hour
	Portable (Fort Myers)	Boehringer	600 tons per hour
	Portable (Miami)	Hazemag	800 tons per hour
005	AFFECTED FACILITIES EXCEPT CRUSHERS SUBJECT TO NSPS SUBPART OOO		
	<u>SCREENING OPERATIONS</u>		
	DESCRIPTION	MANUFACTURER	CAPACITY
	North Scalper Screen: 4' x 16'	Hewitt Robins	64 square feet
	Screen #3: 8' x 16' Triple-Deck	Simplicity	128 square feet
	Screen #4: 8' x 20' Triple-Deck	Deister	160 square feet
	North Rail Shaker, 8' x 20' Triple-Deck	SECO	160 square feet
	South Rail Shaker, 8' x 20' Triple-Deck	Nordberg,	160 square feet
	Portable Screen and Conveyors; (Miami)	Deister/Boehringer;	800 tons per hour
	Portable Screen and Conveyors (Ft. Pierce)	MGL	96 square feet

Florida Rock Industries (FRI), Inc.
(Miami Quarry)
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Emission Unit 005	<u>SCREENING OPERATIONS contd.</u>		
	DESCRIPTION	MANUFACTURER	CAPACITY
	Portable Screen and Conveyors (Ft. Pierce)	Powerscreen	50 square feet
	Portable Screen (Ft. Pierce)	Read	65 square feet
	Portable Screen and Conveyors (Miami)	Powerscreen	50 square feet
	Portable Screen and Conveyors (Interlachen/ Umatilla)	Screen Machine	100 tons per hour
	<u>Storage Bins</u>		
	North Dump Hopper	In-House	80 tons
	North Rail Dump Hopper	In-House	35 tons
	South Rail Dump Hopper	In-House	35 tons
Emission Unit 005	<u>Belt Conveyors</u>		
	Conveyor #5	In-House	36 inches
	Conveyor #6	In-House	36 inches
	Conveyor #7	In-House	24 inches
	Conveyor #8	In-House	24 inches
	Conveyor #9	In-House	30 inches
	Conveyor #10	In-House	24 inches
	Conveyor #11	In-House	24 inches
	Transfer Conveyor #13	In-House	30 inches
	North #89 Stacker	In-House	24 inches
	North #57 Stacker	In-House	24 inches
	North Concrete Sand Stacker	In-House	24 inches
	North Asphalt Sand Stacker	In-House	24 inches
	South Asphalt Sand Stacker	In-House	24 inches
	Base Rock Stacker #14	In-House	24 inches
	North Rail Feed Conveyor	In-House	42 inches
	South Rail Feed Conveyor	In-House	42 inches
	North Rail Stacker	In-House	42 inches

Florida Rock Industries (FRI), Inc.
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Emission Unit 005	Belt Conveyors (contd.)		
	South Rail Transfer Conveyor	In-House	42 inches
	South Rail Stacker	In-House	42 inches
	(NEW) Horizontal Transfer Conveyor	In-House	30 inches
	(NEW) Radial Stacker	In-House	30 inches
	Conveyors for Portable Crusher (Ft. Pierce)	Hewitt Robbins	200 tons per hour
	Conveyors for Portable Crusher (Fort Myers)	Cedarapids	400 tons per hour
	Conveyors for Portable Crusher (Fort Myers)	Boehringer	600 tons per hour
	Conveyors for Portable Crusher (Miami)	In-House	800 tons per hour

A.1 Emission Limiting Standards and Operation Restrictions

A.1.1 Permitted Capacity: See Facility-Wide Specific Condition 3.1 in Part II

A.1.2 Visible Emission Standards:

EMISSION UNIT	UNIT DESCRIPTION	OPACITY STANDARD	RULE REFERENCE
003	Crusher	Not greater than 15%	40 CFR 60.672 (c)
005	Belt Conveyor	Not greater than 10%	40 CFR 60.672(b)
	Truck Dumping	Exempt	40 CFR 60.672(d)
	Wet screening operations, subsequent screening operations, bucket elevators, and belt conveyors that process saturated material ^{1&2}	No visible emission (zero percent)	40 CFR 60.672(h)

Note: (1) Wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to the next crusher, grinding mill or storage bin.

(2) Screening operations, bucket elevators and belt conveyors in the production line downstream of wet mining operations, where such screening operations, bucket elevators, and belt conveyors process saturated materials up to the first crusher, grinding mill, or storage bin in the production line.

[40 CFR 60.672(h)(1) & (2)]

A.1.3 The opacity standards specified in A.1.2 shall apply at all times except during periods of startup, shutdown and malfunction. At all times, including periods of startup, shutdown, and malfunction, the permittee shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emission. The duration of excess emission shall be minimized and shall not exceed two hours in any 24-hour period. Excess emission which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited.

[Rules 62-210.700 and 40 CFR 60.11(c) & (d), F.A.C.]

- A.1.4 Unrestricted Hours of Operation: The referenced emission unit(s) may operate continuously (8760 hours per year).
[Rule 62-210.200 (PTE), F.A.C.]

A.2 Compliance Monitoring and Testing Requirements

A.2.1 Visible Emission Test Required:

In determining compliance with the fugitive particulate matter emission limiting standards above, the owner or operator shall use EPA Method 9 and the procedures in 40 CFR 60.11, with the following additions:

- a. The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).
- b. The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (EPA Method 9, Section 2.1) must be followed.
- c. For affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emission and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emission is to be made at a point in the plume where the mist is no longer visible.
[40 CFR 60.675(c)(1)]

A.2.2 Performance Test:

The initial visible emission compliance test shall be completed within 180 days of the issuance date of this permit for those affected facilities not tested in 1996. For affected facilities that have previously demonstrated initial compliance, testing for the purposes of obtaining an operation permit shall be conducted prior to the expiration of this permit. Only that portable equipment that is onsite during scheduled compliance testing will be tested.

[40 CFR 60.8(a), Permit No. 0250006-002-AC, SC 8.]

A.2.3 The permittee shall use as reference methods and procedures the EPA test methods in 40 CFR 60 Appendix A, unless the Department

- 1) Specifies or approves, in specific cases, the use of a reference method with minor changes in methodology
 - 2) Approves the use of an equivalent method,
 - 3) Approves the use of an alternative method the results of which the Department has determined to be adequate for indicating whether a specific source is in compliance,
 - 4) Waives the requirement for performance tests because the owner or operator of a source has demonstrated by other means to the Department's satisfaction that the affected facility is in compliance with the standard; or
 - 5) Approves shorter sampling times and smaller sample volumes when necessitated by process variables or other factors.
- [40 CFR 60.8(b)]

A.2.4 Opacity Test Requirements:

A) For the purpose of determining Initial compliance, the minimum total time of observations shall be 3 hours (30 6-minute averages) for the performance test, except as noted in B) and C) below. Subsequent compliance tests shall be thirty-minutes in duration.

[40 CFR 60.675(c)(2), and 40 CFR 60.11(b), Permit No. 0250006-002-AC, SC 6.c.]

B) When determining compliance for affected facilities under 60.672(b) [Belt Conveyers] the duration of EPA Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply:

- i) There are no individual readings greater than 10 percent opacity; and
- ii) There are no more than 3 readings of 10 percent for the 1-hour period.

[40 CFR 60.675 (c)(3)]

C) When determining compliance for affected facilities under 60.672(c) [Crusher] the duration of Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply:

- i) There are no individual readings greater than 15 percent opacity; and
- ii) There are no more than 3 readings of 15 percent for the 1-hour period.

[40 CFR 60.675(c)(4)]

D) For the method and procedure above, if emissions from two or more facilities continuously interfere so that the opacity of fugitive emission from an individual affected facility cannot be read, either of the following procedures may be used:

- i) Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected facilities contributing to the emission stream.
- ii) Separate the emission so that the opacity of emission from each affected facility can be read.

[40 CFR 60.675(e)]

E) EPA Method 9 performance tests are not required for:

- i) Wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to, but not including the next crusher, grinding mill or storage bin.
- ii) Screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, that process saturated materials up to the first crusher, grinding mill, or storage bin in the production line.

A.2.5 Test Notification:

The permittee shall provide the DERM Air Facilities Section at least 15 days prior notice of any performance test.

[40 CFR 60.675, and 40 CFR 60.8(d)]

If, after 30 days notice for an initially scheduled performance test, there is a delay in conducting any scheduled performance test, the permittee shall submit a notice to the Department at least 7 days prior to any scheduled performance test.

[40 CFR 60.675(g)]

A.2.6 For transfer points on conveyor belts enclosed by tunnels, emission from these transfer points shall be evaluated by performing opacity determinations using EPA Method 9 at each end of such tunnel. Compliance with the opacity limitation at each end of such tunnel shall indicate the transfer points within each tunnel comply with the opacity limitation. Such opacity observations shall be conducted while the facility is running with the most drop points simultaneously in operation as practicable. Such opacity observations shall be performed in accordance with the frequency, duration, and other requirements specified in this permit.

[Rule 62-296(4)(b)]

A.3 Reporting and Record Keeping Requirements

A.3.1 Test Reports:

The permittee shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the emission limiting standards above, including reports of opacity observations made using Method 9.

[40 CFR 60.676(f)]

Copies of all reports, tests, notifications or other submittals required by this permit shall be submitted to the DERM, Air Facilities Section. All records required by this permit shall be kept by the permittee for a minimum of two years from the date of such records.

[Rule 62-4.070(3).F.A.C.]

A.3.2 Change of processing material (Saturated Vs Unsaturated)

Any screening operation, bucket elevator, or belt conveyor that process saturated material and is subject to 40 CFR 672(h) and subsequently processes unsaturated material, shall submit a report of this change to the Department within 30 days following change. This screening operation, bucket elevator, or belt conveyor is then subject to the 10 percent opacity limit in 40 CFR 672(b) and the emission test requirement of 40 CFR 60.11 and NSPS Subpart OOO. Likewise a screening operation, bucket elevator, or belt conveyor that processes unsaturated material but subsequently processes saturated material shall submit a report of this change to the Department within 30 days following such change. This screening operation, bucket elevator, or belt conveyor is then subject to the no visible limit in 40 CFR 60.672(h).

[40 CFR 676(g)]

A.3.3 AOR Supplemental Information: Annual operating reports for the emission units covered under this section shall include following supplemental information that was recorded in the previous calendar year:

- The amount of material processed on a monthly basis
- A consecutive 12-month total of the amount of material processed, calculated from the monthly totals for the previous twelve calendar months

[Rule 62-4.070(3), F.A.C.]

A.4 Reporting for Replacement of Facilities

A.4.1 When an existing facility is replaced by a piece of equipment of equal or smaller size, as defined in 40 CFR 60.671, having the same function as the existing facility, the new facility is exempt from provisions of 40 CFR 60.672 (standards for particulate matter), 40 CFR 60.674 (Monitoring of operations), and 40 CFR 60.675 (Test methods and procedures). Reconstruction costs shall be calculated per 40 CFR 60.673.

[40 CFR 60.670(d)(1)]

A.4.2 Replacing all existing facilities in a production line with new facilities does not qualify for the exemption described above.

[40 CFR 60.670(d)(3)]

A.4.3 When seeking exemption as mentioned in condition 4.1, the permittee shall submit the following information required by 40 CFR 60.676(a) to the DERM, Air Facilities Section.

The required information shall be submitted for both the existing facility that was replaced, and the replacement equipment.

When Replacing....	Required Information	Rule Reference
a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station	Rated capacity in tons per hour; Model and Serial Numbers	40 CFR 60.676(a)(1)
a screening operation	The total surface area of the top screen; Model and Serial Numbers	40 CFR 60.676(a)(2)
a conveyer belt	The width of the belt	40 CFR 60.676(a)(3)
a storage bin	The rated capacity in tons	40 CFR 60.676(a)(4)

[40 CFR 60.676(a)]

- A.4.4 The permittee shall not replace any facility covered under this permit with a piece of equipment of larger size or different function without applying for, and receiving, a modification of this permit to allow such replacement, unless this requirement is specifically waived in writing by the DERM, Air Facilities Section.
[40 CFR 60.670]

**PART III B
EMISSION UNIT SPECIFIC CONDITIONS**

This part of this permit addresses the following emission units:

Emission Unit Number	Emission Unit Description		
004	CRUSHERS <u>NOT</u> SUBJECT TO NSPS SUBPART 000		
	DESCRIPTION	MANUFACTURER	CAPACITY
	South Primary: #4560 Impactor	Universal	700 tons per hour
	South Tertiary: # 5530 Roll	Cedarapids	60 tons per hour
	Portable (Ft. Pierce)	Cedarapids	300 tons per hour
	Portable (Sunniland)	Cedarapids	350 tons per hour
006	PROCESSING EQUIPMENT EXCEPT CRUSHERS <u>NOT</u> SUBJECT TO NSPS SUBPART 000		
	<u>SCREENING OPERATIONS</u>		
	DESCRIPTION	MANUFACTURER	CAPACITY
	South Scalper Screen: 4' x 18'	Universal	72 square feet
	Screen #1: 8' x 24' Triple-Deck	Simplicity	192 square feet
	Screen #2: 8' x 20' Triple-Deck	Simplicity	160 square feet
	Screen #3: 8' x 16' Triple-Deck	Simplicity	128 square feet
	Screen #4: 5' x 12' Two-Deck	Hewitt Robins	60 square feet

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006	<u>SCREENING OPERATION Contd.</u>		
	<u>BELT CONVEYORS</u>		
	DESCRIPTION	MANUFACTURER	CAPACITY
	Conveyor #1	In-House	36 inches
	Conveyor #2	In-House	24 inches
	Conveyor #3	In-House	36 inches
	Conveyor #4	In-House	24 inches
	South #89 Stacker	In-House	24 inches
	South #57 Stacker	In-House	24 inches
	South Concrete Sand Stacker	In-House	24 inches
	Drainfield Stacker	In-House	24 inches
	Conveyors for Portable Crusher (Ft. Pierce)	Cedarapids	300 tons per hour
	Conveyors for Portable Crusher (Sunniland)	Cedarapids	350 tons per hour
	<u>STORAGE BIN</u>		
	South Dump Hopper	In-House	80 tons

Florida Rock Industries (FRI), Inc.
(Miami Quarry)
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007	DIESEL ENGINES		
	DIESEL ENGINES FOR PORTABLE CRUSHING UNITS		
	DESCRIPTION	MANUFACTURER	CAPACITY
	Cedar Rapids Portable Crushing Unit (Ft. Pierce)	Detroit Diesel Model 12V71 Caterpillar Model 3408	300 tons per hour
	Hewitt Robbins Portable Crushing Unit (Ft. Pierce)	Deutz Model F3 Caterpillar Model 3408	200 tons per hour
	Cedar Rapids Portable Crushing Unit (Sunniland)	Caterpillar Model 3304PC Detroit Diesel Model 12V71	350 tons per hour
	Cedar Rapids Portable Crushing Unit (Harper Ft. Myers)	Detroit Diesel Model 12V71 Detroit Diesel Model 8V71	400 tons per hour
	Boehringer Portable Crushing Unit (Harper Ft. Myers)	Cummins Model KTV1150C Onan Model VT12-635	600 tons per hour
	DIESEL ENGINES FOR PORTABLE SCREENING UNITS		
	DESCRIPTION	MANUFACTURER	CAPACITY
	Hazemag Portable Crushing Unit (Miami)	Caterpillar Model 3512	800 tons per hour
	Deister Portable Screening Unit (Harper Ft. Myers)	Caterpillar Model 3306	800 tons per hour
	MGL Portable Screening Unit (Ft. Pierce)	Cummins Model B5.9P-174	400 tons per hour
	Powerscreen Portable Screening Unit (Ft. Pierce)	Deutz Model BF4M-1012	125 tons per hour
	Read Portable Screening Unit (Ft. Pierce)	Deutz Model TXT3	75 tons per hour

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	DESCRIPTION (Contd)	MANUFACTURER	CAPACITY
	Powerscreen Portable Screening Unit (Miami)	Deutz Model BF-4M-1012 Deutz Model IFN	225 tons per hour
	Portable Screening Unit (Interlachen)	Cummins Model B5.9P-135	100 tons per hour

B.1 Emission Limiting Standards and Operation Restrictions

- B.1.1 Visible Emission: Fugitive particulate matter emission shall not be equal to or greater than 20 percent opacity from any non-NSPS facility.
[Rule 62-296.320(4)(b), F.A.C.]
- B.1.2 Unrestricted Hours of Operation: The referenced emission units may operate continuously (8760 hours per year).
- B.1.3 Allowable Fuels: Fuel burned shall be limited to new number 2 fuel oil with a maximum sulfur content of 0.5% by weight.
[Rule 62-4.070(3), F.A.C.]
- B.1.4 Fuel Consumption Limits: Diesel fuel consumption by all diesel units shall not exceed 250,000 gallons in any consecutive 12-month period.
[Rule 62-4.070(1), F.A.C. and requested by applicant]

B.2 Compliance Monitoring and Testing Requirements

B.2.1 Visible Emission Test Required:

Emission Unit	Compliance Method	Duration	Rule Reference
004	EPA Method 9	30 Minutes	Rule 62-297.401(9)(a), F.A.C.
006	EPA Method 9	30 Minutes	
007	EPA Method 9	30 Minutes	

- B.2.2 Allowable Fuels: The owner or operator shall record and maintain records of the types of fuel burned. The owner or operator shall maintain records to demonstrate that each shipment of diesel fuel has 0.5 percent or less (by weight) of sulfur and that the sulfur content was determined by ASTM methods ASTM D4057-88 and ASTM D129-91, ASTM D2622-94 or ASTM D4294-90, adopted and incorporated by reference in Rule 62-297.440(1). Certifications from the fuel supplier in accordance with the above requirement shall be satisfactory records.
[Rule 62-4.070(3), F.A.C.]

B.2.3 Test Frequency

Visible emission: Though the permittee is not required to perform a visible emissions compliance test to demonstrate compliance with the facility-wide limitation annually or before renewal, when the DERM Air Facilities Section believes that the general visible emissions standard is being violated, DERM may require that the owner or operator perform a visible emissions compliance test per Chapter 62-297.310(7)(b), Special Compliance Tests, F.A.C.; or DERM personnel who are certified to perform visible emissions test may determine compliance with the general visible emissions standard.
[Guidance on the use of the General Visible Emissions Standard, DARM-PER-33, March 1, 2000]

B.3 Reporting and Record Keeping Requirements

B.3.1 AOR Supplemental Information: Annual-operating reports for the emission units covered under this section shall include the following supplemental information that was recorded in the previous calendar year:

- a. The fuel consumption rate on a monthly basis, used by all diesel units
- b. The highest 12-month total fuel consumption, calculated from the monthly totals for the previous twelve calendar months
- c. The highest percent sulfur content (by weight) of diesel fuel received
[Rule 62-4.070(3), F.A.C.]

B.3.2 Fuel Consumption Limits: The owner or operator shall record and maintain records of the fuel consumption on a monthly basis.

The permittee shall record and maintain the total consumption of diesel fuel by the diesel engines on a **monthly** basis. From the monthly records the permittee shall record and maintain a rolling 12-month total record of the amount of fuel consumed to demonstrate compliance with the fuel limitation in specific condition number Part III B, 1.3.4.
[Rule 62-4.070(3), F.A.C.]

Executed in Miami-Dade County, Florida.

DEPARTMENT OF ENVIRONMENTAL
RESOURCES MANAGEMENT

Mallika Muthiah June 7, 2001

Mallika Muthiah, P.E., Chief
Air Facilities Section
Air Quality Management Division

Date

MM/fe

Copy: Isidore Goldman, P.E., Florida Department of Environmental Protection, West Palm Beach.
Steve C. Cullen, P.E., Koogler & Associates, 4014 N.W. 13th Street, Gainesville, FL 32609

FILING AND ACKNOWLEDGMENT: FILED, on this date, pursuant to § 120.52(7), F.S., with the designated DERM Clerk, receipt of which is hereby acknowledged.

Ala G. Smith
Clerk

6/7/01
Date