

FEA RECEIPT # 503191, NOV 20, 2009* ←
(*SEE REGISTRATION FORM TITLE PAGE)

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
2009 NOV 20 AM 10:11
FINANCE & ACCOUNTING DIVISION
REVENUE

Part II. Notification to Permitting Office

(Detach and submit to appropriate permitting office; keep copy onsite)

Instructions: To give notice to the Department of an eligible facility's intent to use this air general permit, the owner or operator of the facility must detach and complete this part of the Air General Permit Registration Form and submit it to the appropriate Department of Environmental Protection or local air pollution control program office which has permitting authority. Please type or print clearly all information, and enclose the appropriate air general permit registration processing fee pursuant to Rule 62-4.050, F.A.C. (\$100 as of the effective date of this form)

RECEIVED

7775613-001

NOV 25 2009

Registration Type

Check one:

INITIAL REGISTRATION - Notification of intent to:

- Construct and operate a proposed new facility.
- Operate an existing facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit).

Bureau of Air Monitoring & Mobile Sources

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.)
MFM Limestone, LLC

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.)
Bohringer Crusher - Primary Plant

Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)
Street Address: 15249 North CR 329
City: Reddick County: Marion Zip Code: 32686

Facility Start-Up Date (Estimated start-up date of proposed new facility.)(N/A for existing facility)
Estimated start up date is March 2010.

SOUTHWEST DISTRICT
D.E.P.
FEB 15 2010
TAMPA

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: Elliot Mallard, P.G. - President

Owner/Authorized Representative Mailing Address

Organization/Firm: MFM Limestone, LLC

Street Address: 15429 North CR 329

City: Reddick

County: Marion

Zip Code: 32686

Owner/Authorized Representative Telephone Numbers

Telephone: (352) 591-5000

Fax: (352) 591-5002

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 Parker, Vice President of Operations

Facility Contact Mailing Address

Organization/Firm: MFM Limestone, LLC

Street Address: 15429 North CR 329

City: Reddick

County: Marion

Zip Code: 32686

Facility Contact Telephone Numbers

Telephone: (352) 591-5000

Fax: (352) 591-5002

Cell phone (optional):

Owner/Authorized Representative Statement

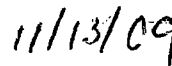
This statement must be signed and dated by the person named above as owner or authorized representative

I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Registration Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the facility addressed in this registration form is eligible for use of this air general permit and that the statements made in this registration form are true, accurate and complete. Further, I agree to operate and maintain the facility described in this registration form so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof.

I will promptly notify the Department of any changes to the information contained in this registration form.



Signature



Date

Type of Facility

Check one:

Stationary Facility

Relocatable Facility

Type(s) of Precautions Used to Prevent Unconfined Emissions

Check all that apply for the management of roads, parking areas, stock piles and yards:

Maintain Roads/Parking/Yards

Use Water Application

Use Dust Suppressant

Remove Particulate Matter

Reduce Stock Pile Height

Install Wind Breaks

Check the location of spray bars at the nonmetallic mineral processing plant:

Feeders

Entrance to "Crusher"

Exit of "Crusher"

Classifier Screens

Conveyor Drop Points

Description of Reasonable Precautions

Below, or as an attachment to this form, provide details of all types of reasonable precautions to be used to prevent unconfined emissions at the facility.

Equipment is located at a mine or quarry and processes material from onsite natural deposits. The material is inherently at 8 to 12 % moisture when processed. As a result, dust suppression or spray bars at the crushing circuit not needed.

A water truck is used around the mine on all roads where truck traffic travels.

TAMPA
FEB 15 2010
SOUTHWEST DISTRICT
D.E.P.

Description of Facility

Below, or as an attachment to this form, provide a description of the nonmetallic mineral processing operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Describe all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used.

The purpose of this Nonmetallic Mineral Processing Plant Air General Permit Registration Form is to operate relocatable crusher facility owned by MFM Limestone, LLC.

The facility meets the Eligibility Requirements specified in Rule 62-210.310(2), F.A.C.

Please refer to Page 9 of the Nonmetallic Mineral Processing Plant Air General Permit Registration Form for air pollution control measures.

Please refer to Attachment 1 for Facility Equipment List.

The crusher engine is not an affected facility as defined in 40 CFR 60.670. Per Rule 62-210.310(5)(e), F.A.C., annual visible emissions testing is not required for this piece of equipment.

Equipment List: Bohringer Crusher, Primary Plant.

Affected Facility	Manufacturer	Date of Manufacture	Model Number	Identifier & Serial Number	Size (TPH, hp, kW, etc.)	Subject to 40 CFR Part 60, Subpart 000	
						Yes	No
Primary Crusher(s)	✓ Bohringer	Post-2008	RC-12/CH	Crusher	600 TPH	X	<input type="checkbox"/>
Screening Operation(s)	✓ Bohringer	Post -2008	RM/S 1220/3500	Roller Grizzly Feeder	48" w X 11' - 8" L	X	<input type="checkbox"/>
	✓ Bohringer	Post - 2008	RM 1220/2440	Roller Grizzly Feeder	48" w X 8' 0" L	X	<input type="checkbox"/>
Storage Bin(s)	None				TONS	<input type="checkbox"/>	X
Crusher Engine	Electric				400 HP	<input type="checkbox"/>	X
Auxiliary Generator(s)	None				KW	<input type="checkbox"/>	X
Belt Conveyor(s)	✓ Masaba	Post- 2008	42"X25' conv.	Under Fines Conveyor	42 IN.	X	<input type="checkbox"/>
	✓ Masaba	Post - 2008	36"X60' stacker	Radial Stacker	36 IN.	X	<input type="checkbox"/>
	✓ Masaba	Post - 2008	42"X38' conv.	Under Crusher Conveyor	42 IN.	X	<input type="checkbox"/>
	Masaba	Post - 2008	36"X100' stacker	Stacker	36 IN.	X	<input type="checkbox"/>

Comments:

Material is fed by into a feed hopper with a front end loader. The feed hopper is used to feed the 42' x 11'-9" roller grizzly feeder. It is not considered to be a "storage bin." In addition, per 40 CFR 60.672(d), truck dumping into any feed hopper is exempt from the particulate matter standards of 40 CFR 60, Subpart 000.

TAMPA
 D.E.P
 SOUTHWEST DISTRICT
 FEB 15 2010



KOOGLER & ASSOCIATES, INC.
ENVIRONMENTAL SERVICES
4014 NW 13th STREET
GAINESVILLE, FL 32609-1923
352/377-5822 ■ FAX/377-7158

November 10, 2009

Mr. Dickson Dibble
FDEP
Receipts
PO Box 3070
Tallahassee, FL 32315-3070

SUBJECT: MFM Limestone, LLC
Nonmetallic Mineral Processing Plant
Initial Air General Permit Notification – Bohringer Unit

Dear Mr. Dibble:

This letter transmits the *Air General Permit Notification Form* for the referenced equipment at the referenced facility.

Please note:

- 1) The processing fee is attached; in accordance with Rule 62-4.050(4)(p)(b), FAC, the processing fee is **\$100** for a general permit not requiring Professional Engineer certification.
- 2) This Notification is being submitted for an Initial Air General Permit.

Please provide written confirmation of coverage under the General Permit. If you have any questions, please call me at (352) 377-5822.

Sincerely,

Veronica N. Sgro, P.E.
KOOGLER AND ASSOCIATES, INC.

Enc.

Cc: Gary Parker – MFM Limestone, LLC (*EMAIL + UPS Ground*)

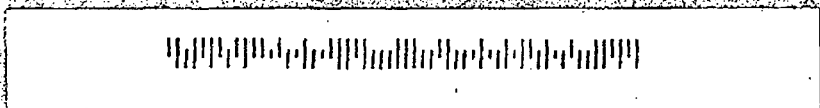
MFM LIMESTONE LLC

2654

FL Department of Environmental Protection				11/18/2009		
Date	Type	Reference	Original Amt.	Balance Due	Discount	Payment
11/16/2009	Bill	IAGPN-Bohringer Unit	100.00	100.00		100.00
				Check Amount		100.00

Community Bank Che Initial Air General Permit Notifiation - Bohringer 100.00

TAMPA
FEB 15 2010
D.E.P
SOUTHWEST DISTRICT



MFM Limestone, LLC.

15249 N Highway 329, Reddick, FL 32686

TO:

Mr. Dickson Dibble
Florida Department of Environmental Protection
PO Box 3070
Tallahassee, FL 32315-3070



Florida Department of Environmental Protection

Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

7115613

September 15, 2009

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

Mr. Elliott, Mallard, Manager
MFM Limestone LLC
15249 North Highway 329
Reddick, FL 32686

Subject: Workshop for Nonmetallic Mineral Processing Plants (NMMP) and affected Asphalt Plants

Dear Mr. Mallard:

The Florida Department of Environmental Protection's Southwest District (SWD) Air Resource Management Program invites all Nonmetallic Mineral Processing Plants (NMMP) and affected Asphalt plants operating in Citrus, Desoto, Hardee, Hernando, Manatee, Marion, Pasco, Pinellas, and Polk counties to a workshop to be hosted by the SWD office on Tuesday, October 13, 2009. The workshop agenda is attached to this invitation letter.

Our goal is to assist affected facilities in understanding their permit requirements to ensure compliance and minimize their impact on the environment. Specifically, this workshop will provide information on the NMMP General Permit, the requirements of Asphalt Plants that permit NMMPs at their facility and information on the revised New Source Performance Standards (NSPS) Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants. We will also provide a brief overview of potential solid waste permit requirements for these facilities.

To ensure adequate conference room accommodations, we ask that you pre-register yourself and others you would like to bring to the workshop, including your consultants by contacting Patricia Prickett by email at Patricia.Prickett@dep.state.fl.us, or by phone at (813) 632-7600 ext. 102.

We look forward to your attendance and participation.

Sincerely,

Mara Grace Nasca
District Air Program Administrator
Southwest District

Attachment: Agenda
MGN/ng

**Florida Department of Environmental Protection
Southwest District
Air Resource Management
Workshop**

**Nonmetallic Mineral Processing Plants (NMMP) and
Affected Asphalt Plants**

**Tuesday, October 13th, 2009
9:30 a.m. - 12:00 p.m.
Main Conference Room**

Agenda

I. Welcome and Introduction

**Mara Grace Nasca
Air Program Administrator**

II. Department Presentations

**NMMP General Permit Requirements
Operating a RAP Crusher at Asphalt Plants
Revised Federal NSPS Subpart OOO Requirements
Waste Processing Facility Permit Requirements**

**Max Grondahl
Nancy Knight
Natrevia Gradney
Susan Pelz**

III. Questions and Answers

Workshop Attendees

VISIBLE EMISSIONS OBSERVATIONS

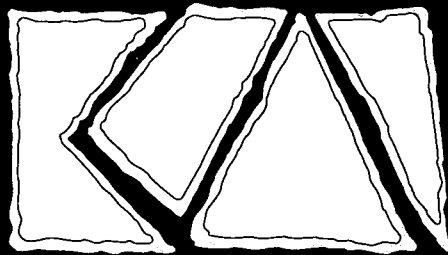
Limestone Quarry and
Nonmetallic Mineral Processing Plants

MFM LIMESTONE, LLC
PRIMARY & SECONDARY PLANTS
Reddick, Marion County, Florida

Permit Nos.: 7775613-001-AG —
7775614-001-AG

Test Date: May 11, 2010
Report Date: June 7, 2010

ARMS UPDATED
6/14/2010 ASX



KOGLER & ASSOCIATES, INC.
ENVIRONMENTAL SERVICES

4014 NW 13th STREET
GAINESVILLE, FL 32609-1923
352/377-5822 ■ FAX/377-7158

Dept. Of Environmental Protection
JUN 08 2010
Southwest District

VISIBLE EMISSIONS OBSERVATIONS

Limestone Quarry and
Nonmetallic Mineral Processing Plants

MFM LIMESTONE, LLC
Primary & Secondary Plants
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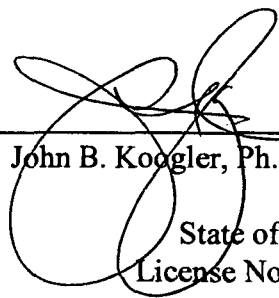
Koogler and Associates, Inc.
4014 NW 13th Street
Gainesville, Florida 32609-1923
(352) 377-5822

747-10-01



Dept. Of Environmental Protection
JUN 08 2010
Southwest District

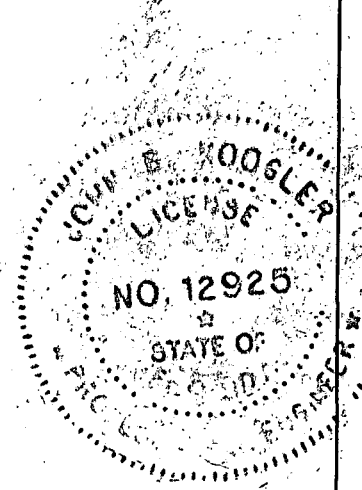
To the best of my knowledge, all applicable field and analytical procedures comply with the Florida Department of Environmental Protection requirements and all test data and plant operating data are true and correct.



John B. Koogler, Ph.D., P.E.
State of Florida
License No. 12925

June 7, 2010

Date



1.0 INTRODUCTION

MFM Limestone, LLC owns and operates a limestone quarry and nonmetallic mineral processing plants at 15249 North County Road 329; Reddick, Marion County, Florida. At this facility, limestone is excavated and processed to produce crushed stone. Two portable crushers are located at the facility. A Bohringer Crusher serves as the primary plant and a Cedar Rapids Crusher serves as a secondary plant.

On May 11, 2010, Koogler and Associates, Inc. of Gainesville, Florida, conducted visible emissions observations on eight emission points associated with the primary plant and five emission points associated with the secondary plant in accordance with EPA Methods 9 (40 CFR 60, Appendix A). The purpose of the testing was to demonstrate compliance with the emission limiting standards set forth in the Air General Permits, Rule 62-210.310(5)(e)(3), F.A.C. and Rule 62-204.800, F.A.C.

Prior to the test date, the Southwest District Office of the Florida Department of Environmental Protection (FDEP) in Temple Terrace, Florida, was notified of the testing schedule and procedures. FDEP Engineering Specialist Mr. Malik Pickering was present during the test period.

The primary plant was operating at approximately 600 tons per hour during the test period. Visible emissions observations were conducted for 30-minute periods on

each of the eight emission points associated with the plant. The secondary plant was operating at approximately 300 tons per hour during the test period. Visible emissions observations were conducted for 30-minute periods on each of the five emission points associated with this plant. There were no emissions observed from either the primary or secondary plant during the test periods. The results of the visible emissions observations are presented in Tables 1 and 2.

Based upon the data, it can be concluded that during the May 11, 2010 test period, the facility was operating in compliance with the emission limiting standards set forth in the 40 CFR 60, Subpart OOO and the Air General Permit Nos. 7775613-001-AG and 7775614-001-AG.



Table 1

MFM Limestone, LLC
Reddick, Marion County, Florida
Facility ID 7775613

Primary Plant: Bohringer Crusher
May 11, 2010

Emission Point No.	Emission Point Description	Opacity Limits (%)	Average Opacity (%) ⁽¹⁾
1	Roller Grizzly Feeder 1	7	0
2	Transfer Point: Roller Grizzly Feeder 1 to Under Fines Conveyor	7	0
3	Transfer Point: Under Fines Conveyor to Radial Stacker	7	0
4	Roller Grizzly Feeder 2	7	0
5	Transfer Point: Roller Grizzly Feeder 2 to Under Fines Conveyor	7	0
6	Crusher	12	0
7	Transfer Point: Crusher to Under Crusher Conveyor	12	0
8	Transfer Point: Under Crusher Conveyor to Stacker Conveyor	7	0

⁽¹⁾ Average Opacity is the highest six-minute average.

Table 2

MFM Limestone, LLC
 Reddick, Marion County, Florida
 Facility ID 7775614

Secondary Plant: Cedar Rapids Crusher
 May 11, 2010

Emission Point No.	Emission Point Description	Opacity Limits (%)	Average Opacity (%) ⁽¹⁾
1	Transfer Point: Hopper to Plant Feed Conveyor	7	0
2	Transfer Point: Plant Feed Conveyor to Screen	7	0
3	Crusher	12	0
4	Transfer Point: Crusher to Return Belt	12	0
5	Transfer Point: Return Conveyor to Hopper	7	0
6	Screen	(2)	
7	Transfer Point: Screen to Underscreen Belt 1		
8	Transfer Point: Underscreen Belt 1 to Radial Stacker 1		
9	Transfer Point: Screen to Underscreen Belt 2		
10	Transfer Point: Underscreen Belt 2 to Radial Stacker 2		
11	Transfer Point: Screen to Return Conveyor		
12	Transfer Point: Screw Conveyor to Radial Stacker 3		

⁽¹⁾ Average Opacity is the highest six-minute average.

⁽²⁾ Wet material processing operations are not subject to 40 CFR 60, Subpart OOO.

VISIBLE EMISSIONS OBSERVATIONS

Limestone Quarry and
Nonmetallic Mineral Processing Plants

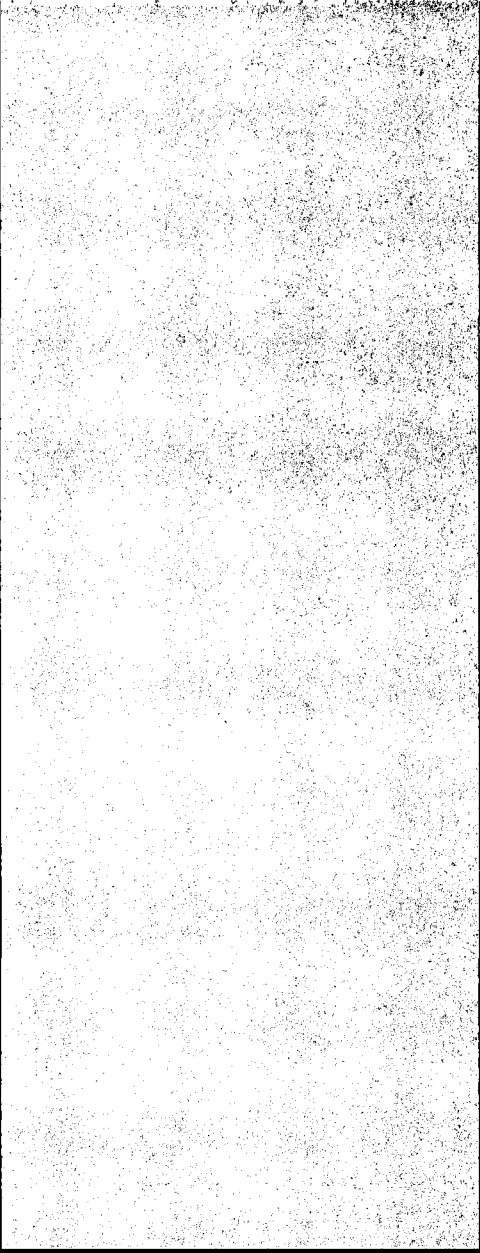
MFM LIMESTONE, LLC
PRIMARY & SECONDARY PLANTS
Reddick, Marion County, Florida

Permit Nos.: 7775613-001-AG —
7775614-001-AG

Test Date: May 6, 2011
Report Date: June 9, 2011

ARMS UPDATED
7/6/2011 B.F.

COPY



4014 NW 13th STREET
GAINESVILLE, FL 32609-1923
352/377-5822 ■ FAX/377-7158

VISIBLE EMISSIONS OBSERVATIONS

Limestone Quarry and
Nonmetallic Mineral Processing Plants

MFM LIMESTONE, LLC
Primary & Secondary Plants
Reddick, Marion County, Florida

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Dept. Of Environmental Protection

JUN 13 2011

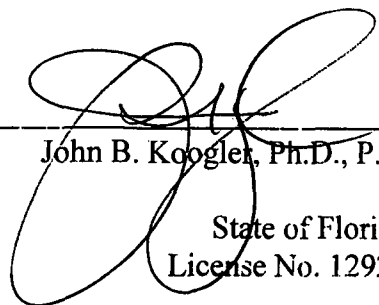
Southwest District

Koogler and Associates, Inc.
4014 NW 13th Street
Gainesville, Florida 32609-1923
(352) 377-5822

747-11-01



To the best of my knowledge, all applicable field and analytical procedures comply with the Florida Department of Environmental Protection requirements and all test data and plant operating data are true and correct.

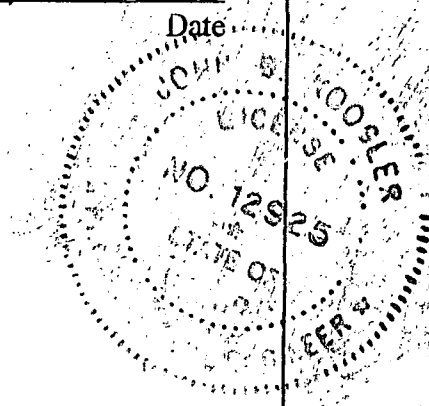


John B. Koogler, Ph.D., P.E.

State of Florida
License No. 12925

June 9, 2011

_____ Date



KOOGLER & ASSOCIATES
ENVIRONMENTAL SERVICES

1.0 INTRODUCTION

MFM Limestone, LLC owns and operates a limestone quarry and nonmetallic mineral processing plant at 15249 North County Road 329; Reddick, Marion County, Florida. Limestone is excavated and processed to produce crushed stone.

Two portable crushers are located at the facility. A Bohringer Crusher serves as the primary plant and a Cedar Rapids Crusher serves as a secondary plant. The plants operate under air General Permit Nos. 7775613-001-AG and 7775614-001-AG.

On May 6, 2011, Koogler and Associates, Inc. of Gainesville, Florida, conducted visible emissions observations on eight emission points associated with the primary plant and twelve emission points associated with the secondary plant in accordance with EPA Methods 9 (40 CFR 60, Appendix A). The purpose of the testing was to demonstrate compliance with the emission limiting standards set forth in the two Air General Permits, Rule 62-210.310(5)(e)(3), F.A.C. and Rule 62-204.800, F.A.C.

Prior to the test date, the Southwest District Office of the Florida Department of Environmental Protection (FDEP) in Temple Terrace, Florida, was notified of the testing schedule and procedures.



2.0 METHODS, RESULTS, AND CONCLUSION

The primary plant was operating at approximately 600 tons per hour during the test period. Visible emissions observations were conducted for 30-minute periods on each of the eight emission points associated with the plant. The secondary plant was operating at approximately 300 tons per hour during the test period. Visible emissions observations were conducted for 30-minute periods on each of the twelve emission points associated with this plant. There were no emissions observed from either the primary or secondary plant during the test periods. The results of the visible emissions observations are presented in Tables 1 and 2.

Based upon the data presented herein, it can be concluded that during the May 6, 2011 test period, the facility was operating in compliance with the emission limiting standards set forth in the 40 CFR 60, Subpart OOO and the Air General Permit Nos. 7775613-001-AG and 7775614-001-AG.



Table 1

MFM Limestone, LLC
 Reddick, Marion County, Florida
 Facility ID 7775613

Primary Plant: Bohringer Crusher
 May 6, 2011

Emission Point No.	Emission Point Description	Test Time		Tested	Opacity Limits (%)	Average Opacity (%) ⁽¹⁾
		Start	Stop	Rate		
		(hh:mm)	(hh:mm)	(TPH)		
1	Roller Grizzly Feeder 1	12:01	12:31	600	7	0
2	Feeder 1 to Under Fines Conveyor	12:01	12:31	600	7	0
3	Under Fines Conveyor to Radial Stacker	12:01	12:31	600	7	0
4	Roller Grizzly Feeder 2	12:31	13:01	600	7	0
5	Feeder 2 to Under Fines Conveyor	12:31	13:01	600	7	0
6	Crusher	12:31	13:01	600	12	0
7	Crusher to Under Crusher Conveyor	13:01	13:31	600	12	0
8	Under Crusher Conveyor to Stacker Conveyor	13:01	13:31	600	7	0

⁽¹⁾ Average Opacity is the highest six-minute average.



Table 2

MFM Limestone, LLC
 Reddick, Marion County, Florida
 Facility ID 7775614

Secondary Plant: Cedar Rapids Crusher
 May 6, 2011

Emission Point No.	Emission Point Description	Test Time		Tested	Opacity Limits (%)	Average Opacity (%) ⁽¹⁾
		Start	Stop	Rate		
		(hh:mm)	(hh:mm)	(TPH)		
1	Hopper to Plant Feed Conveyor	9:31	10:01	300	7	0
2	Plant Feed Conveyor to Screen	9:31	10:01	300	7	0
3	Crusher	9:31	10:01	300	12	0
4	Crusher to Return Belt	10:01	10:31	300	12	0
5	Return Conveyor to Hopper	10:01	10:31	300	7	0
6	Screen	10:01	10:31	300	7	0
7	Screen to Underscreen Belt 1	10:31	11:01	300	7	0
8	Underscreen Belt 1 to Radial Stacker 1	10:31	11:01	300	7	0
9	Screen to Underscreen Belt 2	10:31	11:01	300	7	0
10	Underscreen Belt 2 to Radial Stacker 2	11:01	11:31	300	7	0
11	Screen to Return Conveyor	11:01	11:31	300	7	0
12	Screw Conveyor to Radial Stacker 3	11:01	11:31	300	7	0

⁽¹⁾ Average Opacity is the highest six-minute average.

