



KOOGLER & ASSOCIATES

ENVIRONMENTAL SERVICES
4014 NW THIRTEENTH STREET
GAINESVILLE, FLORIDA 32609
352/377-5822 • FAX/377-7158

578-06-02
August 2, 2006

Dept. of Environmental
Protection
AUG 14 2006
Southwest District

Ms. Mara Nasca
District Air Program Administrator
Southwest District
Florida Department of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926

SUBJECT: Sumterville Mine—Relocatable Plant (#2823)
Hewitt Robbins Portable Crushing Unit
Facility ID No. ~~4190004~~ 7774814
Air General Permit Renewal Notification

Dear Ms. Nasca:

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), F.A.C., the processing fee is **\$100** for a general permit not requiring Professional Engineer Certification.
- 2) As the facility is existing, visible emissions testing was conducted within 60 days prior to submitting the form (testing conducted on July 10, 2006), and the results will be submitted to the compliance section within 45 days of the completion of testing.

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

Best Regards,

Veronica N. Sgro, E.I.
Koogler & Associates, Inc.

Enc.

Cc: Ms. Christine Hertz—Dixie Lime and Stone Company

NONMETALLIC MINERAL PROCESSING PLANT
AIR GENERAL PERMIT NOTIFICATION FORM

Part III. Notification of Intent to Use Air General Permit

(Submit this Part to the appropriate permitting office and keep copy of completed form onsite. Instructions follow.)

Instructions to Owner or Operator: To give notice to the Department of an eligible facility's intent to use the nonmetallic mineral processing plant air general permit, the owner or operator of the facility must detach and complete Part III of this Nonmetallic Mineral Processing Plant Air General Permit Notification Form and submit it to the appropriate Department of Environmental Protection district office or local air pollution control program office which has been delegated permitting authority. Please type or print clearly all information and enclose the appropriate general permit processing fee pursuant to Rule 62-4.050(4)(o), F.A.C. Please note, the form will not be considered complete unless: 1) the processing fee is attached; 2) if the facility is new, initial visible and particulate matter emissions testing was conducted before beginning commercial operation and the test results have already been submitted to the appropriate permitting authority or accompany the form; and, 3) if the facility is existing, visible and particulate matter emissions testing (initial and renewal) was conducted within 60 days prior to submitting the form and the test results have already been submitted to the appropriate permitting authority or accompany the form. Also, please refer to the instructions for completing Part III of the notification form at the end of the form.

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner):		
Dixie Lime and Stone Company		
Site Name (For example, plant name or number):		
777 4814		
Sumterville Mine—Relocatable Plant (#2823—Hewitt Robbins)		
Facility Location:		
Street Address: Highway 470		
City: Sumterville	County: Sumter	Zip Code: 33585
Facility Start-Up Date:		
Relocatable:		
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		

Notification Type

Check one:
<input type="checkbox"/> NEW: Notification of a proposed <i>new</i> nonmetallic mineral processing plant.
<input type="checkbox"/> EXISTING: Notification of an <i>existing</i> nonmetallic mineral processing plant.
<input checked="" type="checkbox"/> RENEWAL: Notification for permit renewal of an <i>existing</i> nonmetallic mineral processing plant.

Owner/Authorized Representative

Name and Title:		
William H. Stavola, President		
Owner/Authorized Representative Mailing Address:		
Organization/Firm: Dixie Lime and Stone Company		
Street Address: Post Office Box 1209		
City: Anthony	County: Marion	Zip Code: 32617
Owner/Authorized Representative Telephone Number:		
Telephone: (352) 629-9715	Fax: (352) 629-2655	

Facility Contact (If different from Owner/Authorized Representative)

Name and Title: William Houghton, General Manager		
Facility Contact Mailing Address: Organization/Firm: Dixie Lime and Stone Company Street Address: Post Office Box 1209 City: Anthony County: Marion Zip Code: 32617		
Facility Contact Telephone Number: Telephone: (352) 629-9715 Fax: (352) 629-2655		

Facility Comments

The relocatable plant processes limestone. The amount of material to be processed is 700 tons per hour. The plant is currently permitted for continuous operation.

Material to be Processed and Plant Capacities

Material to be Processed	Capacity of Plant	Yes	No
<input type="checkbox"/> Concrete	>150 tons/hour (relocatable)	<input type="checkbox"/>	<input type="checkbox"/>
	>25 tons/hour (stationary)	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Recycled asphalt pavement	>150 tons/hour (relocatable)	<input type="checkbox"/>	<input type="checkbox"/>
	>25 tons/hour (stationary)	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Crushed and broken stone, including limestone, dolomite, traprock, sandstone, quartz, quartzite, slate, shale, or oilshale	>150 tons/hour (relocatable)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	>25 tons/hour (stationary)	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Sand, shell or gravel	>150 tons/hour (relocatable)	<input type="checkbox"/>	<input type="checkbox"/>
	>25 tons/hour (stationary)	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Common clay	>10 tons per hour	<input type="checkbox"/>	<input type="checkbox"/>

Facility will be located at mines or quarries and used to process **only** material from onsite natural deposits:
 YES NO

Comments: **None.**

Affected Facilities Description

col

Affected Facility	Manufacturer	Date of Manufacture	Model Number	Identifier & Serial Number	Size (TPH, hp, kW, etc.)	Subject to 40 CFR Part 60, Subpart OOO	
						Yes	No
Primary Crusher(s)	Hewitt Robbins	1975		#2823, 13-7508	700 TPH	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Secondary Crusher(s)	NONE				TPH	<input type="checkbox"/>	<input type="checkbox"/>
Tertiary Crusher	NONE				TPH	<input type="checkbox"/>	<input type="checkbox"/>
Grinding Mill(s)	NONE				TPH	<input type="checkbox"/>	<input type="checkbox"/>
Bucket Elevator(s)	NONE				TPH	<input type="checkbox"/>	<input type="checkbox"/>
Screening Operation(s)	Simplicity	1975		Vibratory Feeder	58.7 FT ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Powerscreen	Unknown	Commander	51035838 #2817	32 FT ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Cedar Rapids	1996		#2818	FT ²	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bagging Operation	NONE				TPH	<input type="checkbox"/>	<input type="checkbox"/>
Storage Bin(s)	NONE				TONS	<input type="checkbox"/>	<input type="checkbox"/>
Enclosed Truck or Railcar Loading Station	NONE				TPH	<input type="checkbox"/>	<input type="checkbox"/>
Crusher Engine	GM Detroit Diesel		12V71		HP	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Auxiliary Generator(s)	Caterpillar	2000	3208DITA	#2812, SN8JJ00362	160 KW	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Caterpillar		3306PC	#2819, SN66D25101	175 KW	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Belt Conveyor(s)	L.B. Smith	1986		Undercrusher	48 IN.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Marco	1986		Stacker	36 IN.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	#2817 Conveyor Belt	Unknown	NA	Underhopper	IN.	<input type="checkbox"/>	<input type="checkbox"/>
	#2817 Conveyor Belt	Unknown	NA	Delivery	IN.	<input type="checkbox"/>	<input type="checkbox"/>
	#2818 Conveyor Belt	Unknown	NA	Underscreen	IN.	<input type="checkbox"/>	<input type="checkbox"/>
	#2818 Conveyor Belt	Unknown	NA	Stacking	IN.	<input type="checkbox"/>	<input type="checkbox"/>

Comments: Furthermore, two relocatable screening operations (ID Nos. #2817 and #2818) have been included in this permit notification as well. Relocatable screening operation #2817 was previously tested on 09/15/2005 for relocatable facility 0830091 (Air General Permit 0830091-006-AG).

As a courtesy to the Department, a copy of the 07/10/2006 visible emissions field sheets and a copy of the 09/15/2005 visible emissions test report is attached to this Notification Form. The 07/10/2006 visible emissions test report will be submitted to the Department's Air Compliance Section in a timely manner as well.

Surrender of Existing Air Permits(s) except Air General Permits (do not complete for renewal notifications)

Check one: N/A

I hereby surrender all existing air permits authorizing operation of the facility* indicated on this form; specifically permit number(s) _____

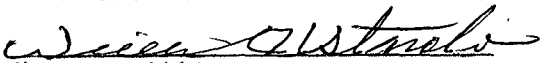
No air permits currently exist for the operation of the facility indicated on this form.

* Except a regular air permit containing a relocatable nonmetallic mineral processing plant as an emissions unit.

Owner/Authorized Representative Statement

I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Notification Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, I agree to operate and maintain the facility and any air pollution control equipment described in this notification so as to comply with all applicable standards and requirements 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 notification.


Signature William H. Stavola, President

8/11/06
Date

7774814

Dept. of Environmental
Protection
AUG 14 2006
Southwest District

ATTACHMENT 1

09/15/2005 COMPLIANCE TEST REPORT

777 4814

PROJECT PARTICIPANTS

Koogler & Associates, Inc.

John B. Koogler, Ph.D., P.E. Project Advisor
William Proses, P.E. Senior Project Engineer
Rodney Paul. Field Test Crew

Dixie Lime and Stone Company

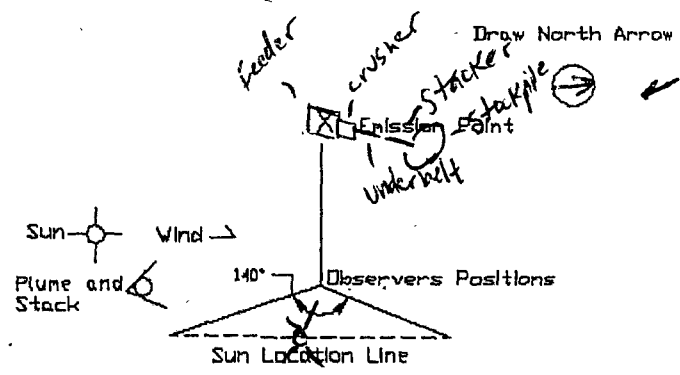
William Houghton General Manager



578 - 06 - 01 7774814

2823

SOURCE NAME <i>Dixie Lime + Stone</i>	
ADDRESS <i>CR 470 Sumterville</i>	
CITY <i>Sumter County</i>	
CITY <i>Sumterville</i>	STATE <i>FL</i>
PHONE <i>629-9715</i>	SOURCE ID NUMBER <i>1190001-003-AG</i>
PROCESS EQUIPMENT <i>Feeder</i>	OPERATING MODE <i>000 tph</i>
CONTROL EQUIPMENT <i>None</i>	OPERATING MODE <i>N/A</i>
DESCRIBE EMISSION POINT START <i>vibratory feeder</i> STOP <i>Same</i>	
HEIGHT ABOVE GROUND LEVEL START <i>15'</i> STOP <i>15'</i>	HEIGHT RELATIVE TO OBSERVER START <i>15'</i> STOP <i>15'</i>
DISTANCE FROM OBSERVER START <i>125'</i> STOP <i>125'</i>	DIRECTION FROM OBSERVER START <i>265°W</i> STOP <i>265°W</i>
DESCRIBE EMISSIONS START <i>clear/none</i> STOP <i>Same</i>	
EMISSION COLOR START <i>None</i> STOP <i>None</i>	PLUME TYPE: CONTINUOUS <input type="checkbox"/> FUGITIVE <input checked="" type="checkbox"/> INTERMITTENT <input type="checkbox"/>
WATER DROPLETS PRESENT: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	IF WATER DROPLET PLUME: ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START <i>area around feeder</i> STOP <i>Same</i>	
DESCRIBE BACKGROUND START <i>Trees</i> STOP <i>Trees</i>	
BACKGROUND COLOR START <i>Green</i> STOP <i>Green</i>	SKY CONDITIONS START <i>Scatt.</i> STOP <i>Scatt.</i>
WIND SPEED START <i>0-2</i> STOP <i>0-2</i>	WIND DIRECTION START <i>N</i> STOP <i>N</i>
AMBIENT TEMP: START <i>77</i> STOP <i>77.5</i>	WET BULB TEMP <i>75</i>
	RH. percent <i>92</i>



SEC MIN	OBSERVATION DATE <i>7/10/06</i>				START TIME <i>08:15</i>	STOP TIME <i>08:45</i>
	0	15	30	45	COMMENTS	
1	0	0	0	0		
2	0	0	0	0		
3	0	0	0	0		
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COMMENTS

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE

TITLE

DATE

OBSERVER'S NAME (PRINT)
Glen A. Haven

OBSERVER'S SIGNATURE
Glen A. Haven

DATE
7/10/06

ORGANIZATION
KOGLER AND ASSOCIATES, INC.

CERTIFIED BY
ETA

DATE
5/06



2823

SOURCE NAME <i>Dixie Lime + Stone</i>		
ADDRESS <i>CR 470 Sumterville</i>		
<i>Sumter County</i>		
CITY <i>Sumterville</i>	STATE <i>FL</i>	ZIP
PHONE <i>629-9715</i>	SOURCE ID NUMBER <i>1190001-003-AG</i>	
PROCESS EQUIPMENT <i>Hevitt Crusher - Robbins</i>	OPERATING MODE <i>600 tph</i>	
CONTROL EQUIPMENT <i>None</i>	OPERATING MODE <i>N/A</i>	
DESCRIBE EMISSION POINT START <i>ORANGE Crusher</i> STOP <i>SAME</i>		
HEIGHT ABOVE GROUND LEVEL START <i>15'</i> STOP <i>15'</i>		HEIGHT RELATIVE TO OBSERVER START <i>15'</i> STOP <i>15'</i>
DISTANCE FROM OBSERVER START <i>125'</i> STOP <i>125'</i>		DIRECTION FROM OBSERVER START <i>267°</i> STOP <i>267°</i>
DESCRIBE EMISSIONS START <i>clear/none</i> STOP <i>SAME</i>		
EMISSION COLOR START <i>none</i> STOP <i>none</i>	PLUME TYPE: CONTINUOUS <input type="checkbox"/> FUGITIVE <input checked="" type="checkbox"/> INTERMITTENT <input type="checkbox"/>	
WATER DROPLETS PRESENT: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	IF WATER DROPLET PLUME: ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>	
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START <i>green around crusher</i> STOP <i>SAME</i>		
DESCRIBE BACKGROUND START <i>Trees</i> STOP <i>Trees</i>		
BACKGROUND COLOR START <i>Green</i> STOP <i>Green</i>	SKY CONDITIONS START <i>scatt.</i> STOP <i>scatt.</i>	
WIND SPEED START <i>0-2</i> STOP <i>0-2</i>	WIND DIRECTION START <i>N</i> STOP <i>N</i>	
AMBIENT TEMP: START <i>77</i> STOP <i>77</i>	WET BULB TEMP <i>75</i>	RH. percent <i>92</i>
<p>The diagram shows a vertical line representing the emission point. To the left is a 'feeder' and to the right is a 'Crusher'. Below the crusher is a 'stack' and 'stack pile'. A 'Sun' is shown to the left with a 'Wind' arrow pointing right. 'Observers Positions' are marked at the bottom with a '140°' angle. A 'Sun Location Line' is drawn from the sun to the emission point. A north arrow is also present.</p>		

SEC MIN	OBSERVATION DATE <i>7/10/06</i>				START TIME <i>08:15</i>	STOP TIME <i>08:45</i>
	0	15	30	45	COMMENTS	
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COMMENTS	OBSERVER'S NAME (PRINT) <i>Glen A. Haven</i>
	OBSERVER'S SIGNATURE <i>Glen A. Haven</i> DATE <i>7/10/06</i>
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE	ORGANIZATION KOUGLER AND ASSOCIATES, INC.
TITLE	CERTIFIED BY <i>ETA</i> DATE <i>5/06</i>



SOURCE NAME: Dixie Lime + Stone
 ADDRESS: CR 470 Sumterville
 Sumter County
 CITY: Sumterville STATE: FL ZIP:
 PHONE: 629-9715 SOURCE ID NUMBER: 1190001-003-AG
 PROCESS EQUIPMENT: 2823 Crusher Underbelt OPERATING MODE: 900 tph
 CONTROL EQUIPMENT: None OPERATING MODE: N/A
 DESCRIBE EMISSION POINT: START: conveyor belt STOP: under crusher / same
 HEIGHT ABOVE GROUND LEVEL: START: 3'-7' STOP: 3'-7' HEIGHT RELATIVE TO OBSERVER: START: 3'-7' STOP: 3'-7'
 DISTANCE FROM OBSERVER: START: 125' STOP: 125' DIRECTION FROM OBSERVER: START: 267° STOP: 267°
 DESCRIBE EMISSIONS: START: Clear / none STOP: same
 EMISSION COLOR: START: STOP: PLUME TYPE: CONTINUOUS FUGITIVE INTERMITTENT
 WATER DROPLETS PRESENT: NO YES IF WATER DROPLET PLUME: ATTACHED DETACHED
 POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED: START: transfer points - STOP: crusher to underbelt / underbelt
 DESCRIBE BACKGROUND: START: Orange steel STOP: same
 BACKGROUND COLOR: START: orange STOP: orange SKY CONDITIONS: START: scatt STOP: scatt
 WIND SPEED: START: 0.2 STOP: 0.2 WIND DIRECTION: START: N STOP: N
 AMBIENT TEMP: START: 77 STOP: 77 WET BULB TEMP: 75 RH.percent: 92%

OBSERVATION DATE		START TIME		STOP TIME	COMMENTS
SEC	MIN	0	15	30	
1	0	0	0	0	
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COMMENTS

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE

TITLE DATE

OBSERVER'S NAME (PRINT): Glen A. Haven
 OBSERVER'S SIGNATURE: *Glen A. Haven* DATE: 7/10/06
 ORGANIZATION: KOUGLER AND ASSOCIATES, INC.
 CERTIFIED BY: ETA DATE: 5/06



SOURCE NAME: *Dixie Line + Stone*

ADDRESS: *CR470*

Sumter County

CITY: *Sumterville* STATE: *FL* ZIP: _____

PHONE: *629-9715* SOURCE ID NUMBER: *119061-003-AB*

PROCESS EQUIPMENT: *Underbelt to staker* OPERATING MODE: *600+H*

CONTROL EQUIPMENT: *None* OPERATING MODE: *N/A*

DESCRIBE EMISSION POINT
START: *Transfer point* STOP: *between staker and underbelt*

HEIGHT ABOVE GROUND LEVEL: START *7'* STOP *7'*
HEIGHT RELATIVE TO OBSERVER: START *7'* STOP *7'*

DISTANCE FROM OBSERVER: START *125'* STOP *125'*
DIRECTION FROM OBSERVER: START *280°* STOP *280°*

DESCRIBE EMISSIONS
START: *Clear/none* STOP: *SAME*

EMISSION COLOR: START *none* STOP *none*
PLUME TYPE: CONTINUOUS FUGITIVE INTERMITTENT

WATER DROPLETS PRESENT: NO YES
IF WATER DROPLET PLUME ATTACHED DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED
START: *transfer point* STOP: *SAME*

DESCRIBE BACKGROUND
START: *Rock bank* STOP: *SAME*

BACKGROUND COLOR: START *TAN* STOP *TAN*
SKY CONDITIONS: START *scatt* STOP *scatt.*

WIND SPEED: START *0-2* STOP *0-2*
WIND DIRECTION: START *N* STOP *N*

AMBIENT TEMP: START *77* STOP *77*
WET BULB TEMP: *75* RH.percent: *92*

2823
+
2827

OBSERVATION DATE		START TIME		STOP TIME	COMMENTS
SEC	MIN	0	15	30	
1	0	0	0	0	
2	0	0	0	0	
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7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
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30	0	0	0	0	

COMMENTS

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE

TITLE

DATE

OBSERVER'S NAME (PRINT) *Glen A. Haven*

OBSERVER'S SIGNATURE *Glen A. Haven* DATE *7/10/06*

ORGANIZATION *KOUGLER AND ASSOCIATES, INC.*

CERTIFIED BY *ETA* DATE *5/06*



2823

SOURCE NAME: Dixie Lime + Stone
 ADDRESS: CR470
 Sumter County
 CITY: Sumterville STATE: FL ZIP:
 PHONE: 629-9715 SOURCE ID NUMBER: 119001-003-A6
 PROCESS EQUIPMENT: Stacks to stockpile OPERATING MODE: 600 tpa
 CONTROL EQUIPMENT: None OPERATING MODE: N/A
 DESCRIBE EMISSION POINT: START Drop point from stacker to stockpile STOP
 HEIGHT ABOVE GROUND LEVEL: START 20' STOP 20' HEIGHT RELATIVE TO OBSERVER: START 20' STOP 20'
 DISTANCE FROM OBSERVER: START 110' STOP 110' DIRECTION FROM OBSERVER: START 300° STOP 300°
 DESCRIBE EMISSIONS: START clear/none STOP SAME
 EMISSION COLOR: START None STOP None PLUME TYPE: CONTINUOUS FUGITIVE INTERMITTENT
 WATER DROPLETS PRESENT: NO YES IF WATER DROPLET PLUME: ATTACHED DETACHED
 POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED: START Drop point and edge of stockpile STOP
 DESCRIBE BACKGROUND: START SKY/ROCK STOP SAME
 BACKGROUND COLOR: START Blue/ten STOP SAME SKY CONDITIONS: START scatt STOP scatt
 WIND SPEED: START 0-2 STOP 0-2 WIND DIRECTION: START N STOP N
 AMBIENT TEMP: START 77 STOP 77 WET BULB TEMP: 75 RH.percent: 92%

Diagram labels: Feeder, stacker, stockpile, Emission Point, Sun Location Line, Observers Positions, 140°, Plume and Stack, Wind, Sun, Draw North Arrow.

OBSERVATION DATE		START TIME		STOP TIME	COMMENTS
7/10/06		08:50		09:20	
SEC MIN	0	15	30	45	
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
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25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

COMMENTS

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE

TITLE

DATE

OBSERVER'S NAME (PRINT): Glen A. Hawen
 OBSERVER'S SIGNATURE: [Signature]
 DATE: 7/10/06
 ORGANIZATION: KOUGLER AND ASSOCIATES, INC.
 CERTIFIED BY: ETA
 DATE: 5/06



SOURCE NAME
Dixie Lime + Stone

ADDRESS
CR 470 Sumterville

Sumter County

CITY *Sumterville* STATE *FL* ZIP

PHONE *629-9715* SOURCE ID NUMBER *119001-003-AG*

PROCESS EQUIPMENT *Detroit Diesel Drive* OPERATING MODE *900 tpm*

CONTROL EQUIPMENT *None* OPERATING MODE *N/A*

DESCRIBE EMISSION POINT
START *Twin mufflers on drive / same*

HEIGHT ABOVE GROUND LEVEL START *12'* STOP *12'* HEIGHT RELATIVE TO OBSERVER START *12'* STOP *12'*

DISTANCE FROM OBSERVER START *125'* STOP *125'* DIRECTION FROM OBSERVER START *268°* STOP *268°*

DESCRIBE EMISSIONS
START *Black Smoke* STOP *same*

EMISSION COLOR START *Black* STOP *Black* PLUME TYPE: CONTINUOUS FUGITIVE INTERMITTENT

WATER DROPLETS PRESENT: NO YES IF WATER DROPLET PLUME: ATTACHED DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED
START *muffler outlet* STOP *same*

DESCRIBE BACKGROUND
START *TREES* STOP *TREES*

BACKGROUND COLOR START *Green* STOP *green* SKY CONDITIONS START *Scatt.* STOP *scatt.*

WIND SPEED START *0.2* STOP *0.2* WIND DIRECTION START *N* STOP *N*

AMBIENT TEMP: START *77* STOP *77* WET BULB TEMP *75* RH.percent *92°*

COMMENTS

2823
240HP

OBSERVATION DATE		START TIME				STOP TIME
7/10/06		08:50				09:20
SEC	MIN	0	15	30	45	COMMENTS
1	0	0	0	5		
2	0	0	0	0		
3	0	5	0	0		
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25	0	0	0	0		
26	0	0	0	5		
27	0	0	0	0		
28	0	0	0	0		
29	0	0	0	0		
30	0	0	0	0		

OBSERVER'S NAME (PRINT) *Glen A. Hansen*

OBSERVER'S SIGNATURE *Glen A. Hansen* DATE *7/10/06*

ORGANIZATION *KOOGLER AND ASSOCIATES, INC.*

CERTIFIED BY *ETA* DATE *5/06*



SOURCE NAME: *Dixie Lime + Stone*

ADDRESS: *CR470 Sumterville*

CITY: *Sumterville* STATE: *FL* ZIP:

PHONE: *629-9715* SOURCE ID NUMBER: *119001-003-AG*

PROCESS EQUIPMENT: *CAT Generator* OPERATING MODE: *660 tpm*

CONTROL EQUIPMENT: *None* OPERATING MODE: *N/A*

DESCRIBE EMISSION POINT
 START: *Small black pipe* STOP: *Same*

HEIGHT ABOVE GROUND LEVEL
 START: *8'* STOP: *8'*

HEIGHT RELATIVE TO OBSERVER
 START: *8'* STOP: *8'*

DISTANCE FROM OBSERVER
 START: *130'* STOP: *130'*

DIRECTION FROM OBSERVER
 START: *268°* STOP: *268°*

DESCRIBE EMISSIONS
 START: *clear/none* STOP: *none*

EMISSION COLOR
 START: *None* STOP: *None*

PLUME TYPE: CONTINUOUS FUGITIVE INTERMITTENT

WATER DROPLETS PRESENT: NO YES

IF WATER DROPLET PLUME: ATTACHED DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED
 START: *Stackoutlet* STOP: *Same*

DESCRIBE BACKGROUND
 START: *TAN Rock* STOP: *Same*

BACKGROUND COLOR
 START: *TAN* STOP: *TAN*

SKY CONDITIONS
 START: *Scatt.* STOP: *Scatt.*

WIND SPEED
 START: *0-2* STOP: *0-2*

WIND DIRECTION
 START: *N* STOP: *N*

AMBIENT TEMP:
 START: *77* STOP: *77*

WET BULB TEMP: *75* RH.percent: *92%*

OBSERVATION DATE		START TIME		STOP TIME	COMMENTS
7/10/06		08:50		09:20	
SEC MIN	0	15	30	45	
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2	0	0	0	0	
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28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

COMMENTS

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE

TITLE

DATE

OBSERVER'S NAME (PRINT) *Glen A. Haven*

OBSERVER'S SIGNATURE *Glen A. Haven* DATE *7/10/06*

ORGANIZATION *KOUGLER AND ASSOCIATES, INC.*

CERTIFIED BY *ETA* DATE *5/06*



SOURCE NAME <i>Dixie Lime and Stone</i>		
ADDRESS <i>CR 470</i>		
Sumter County		
CITY <i>Sumterville</i>	STATE <i>FL</i>	ZIP
PHONE <i>629-9715</i>	SOURCE ID NUMBER <i>119001</i>	
PROCESS EQUIPMENT <i>2818 Screen</i>	OPERATING MODE <i>600 tph</i>	
CONTROL EQUIPMENT <i>None</i>	OPERATING MODE <i>N/A</i>	
DESCRIBE EMISSION POINT START <i>Vibrating Screen</i> STOP <i>Same</i>		
HEIGHT ABOVE GROUND LEVEL START <i>12'</i> STOP <i>12'</i>		HEIGHT RELATIVE TO OBSERVER START <i>12'</i> STOP <i>12'</i>
DISTANCE FROM OBSERVER START <i>150</i> STOP <i>150</i>		DIRECTION FROM OBSERVER START <i>236°</i> STOP <i>236°</i>
DESCRIBE EMISSIONS START <i>clear/none</i> STOP <i>same</i>		
EMISSION COLOR START <i>None</i> STOP <i>None</i>	PLUME TYPE: CONTINUOUS <input type="checkbox"/> FUGITIVE <input checked="" type="checkbox"/> INTERMITTENT <input type="checkbox"/>	
WATER DROPLETS PRESENT: NO <input type="checkbox"/> YES <input type="checkbox"/>	IF WATER DROPLET PLUME: ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>	
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START <i>area around screen</i> STOP <i>same</i>		
DESCRIBE BACKGROUND START <i>Rock Trees</i> STOP <i>same</i>		
BACKGROUND COLOR START <i>Tan/green</i> STOP <i>same</i>	SKY CONDITIONS START <i>scatt</i> STOP <i>scatt.</i>	
WIND SPEED START <i>0-3</i> STOP <i>0-3</i>	WIND DIRECTION START <i>S</i> STOP <i>S</i>	
AMBIENT TEMP: START <i>82</i> STOP <i>82</i>	WET BULB TEMP <i>78</i>	RH. percent <i>83%</i>
<p>The diagram shows a top-down view of the site. A 'Screen' is connected to an 'Emission Point' which is above a 'Stacker'. A 'Plume and Stack' is shown to the left. 'Observers Positions' are marked with a triangle and a dashed line. A 'Sun Location Line' is drawn at a 140-degree angle from the observers. A 'Sun' symbol and a 'Wind' arrow pointing right are also shown. A 'Draw North Arrow' is indicated with a circle and an arrow pointing towards the top right.</p>		

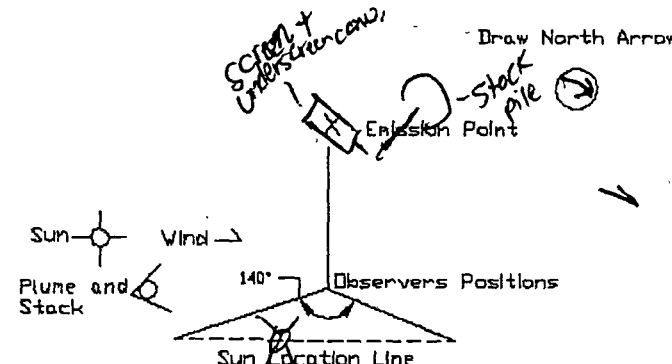
SEC MIN	OBSERVATION DATE <i>7/10/06</i>				START TIME <i>10:15</i>	STOP TIME <i>10:45</i>
	0	15	30	45	COMMENTS	
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3	0	0	0	0		
4	0	0	0	0		
5	0	0	0	0		
6	0	0	0	0		
7	0	0	0	0		
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26	0	0	0	0		
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28	0	0	0	0		
29	0	0	0	0		
30	0	0	0	0		

COMMENTS
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE
TITLE
DATE

OBSERVER'S NAME (PRINT) <i>Glen A. Haven</i>	DATE <i>7/10/06</i>
OBSERVER'S SIGNATURE <i>Glen A. Haven</i>	ORGANIZATION KOOGLER AND ASSOCIATES, INC.
CERTIFIED BY <i>ETA</i>	DATE <i>5/06</i>



2816

SOURCE NAME: Dixie Lime + Stone
 ADDRESS: CR 470
 Sumter County
 CITY: Sumterville STATE: FL ZIP:
 PHONE: 629-9715 SOURCE ID NUMBER: 119001
 PROCESS EQUIPMENT: 2618 Underscreen Conv. OPERATING MODE: 600 tph
 CONTROL EQUIPMENT: None OPERATING MODE: NA
 DESCRIBE EMISSION POINT: START Transfer point from screen to conveyor belt STOP
 HEIGHT ABOVE GROUND LEVEL: START 6'50" STOP 1506' HEIGHT RELATIVE TO OBSERVER: START 6' STOP 6'
 DISTANCE FROM OBSERVER: START 150 STOP 150 DIRECTION FROM OBSERVER: START 236° STOP 236°
 DESCRIBE EMISSIONS: START clear/none STOP same
 EMISSION COLOR: START none STOP none PLUME TYPE: CONTINUOUS FUGITIVE INTERMITTENT
 WATER DROPLETS PRESENT: NO YES IF WATER DROPLET PLUME: ATTACHED DETACHED
 POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED: START Transfer point STOP same
 DESCRIBE BACKGROUND: START Rock STOP Rock
 BACKGROUND COLOR: START Lt. Tan STOP Lt. Tan SKY CONDITIONS: START Scatt. STOP scatt
 WIND SPEED: START 0-3 STOP 0-3 WIND DIRECTION: START S STOP S
 AMBIENT TEMP: START 82 STOP 82 WET BULB TEMP: 78 RH.percent: 83%

 COMMENTS:

OBSERVATION DATE		START TIME		STOP TIME	COMMENTS
7/10/06		10:15		10:45	
SEC MIN	0	15	30	45	
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
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25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

OBSERVER'S NAME (PRINT): Glen A. Haven
 OBSERVER'S SIGNATURE: [Signature] DATE: 7/10/06
 ORGANIZATION: KOOGLER AND ASSOCIATES, INC.
 CERTIFIED BY: ETA DATE: 5/06



2818

SOURCE NAME: Dixie Lime + Stone
 ADDRESS: CR 470
 Sumter County
 CITY: Sumterville STATE: FL ZIP:
 PHONE: 629-9715 SOURCE ID NUMBER: 119001
 PROCESS EQUIPMENT: Underscreen to Stacker OPERATING MODE: 600 tph
 CONTROL EQUIPMENT: None OPERATING MODE: N/A
 DESCRIBE EMISSION POINT: START 1 transfer point STOP SAME
 HEIGHT ABOVE GROUND LEVEL: START 4' STOP 4' HEIGHT RELATIVE TO OBSERVER: START 4' STOP 4'
 DISTANCE FROM OBSERVER: START 135' STOP 135' DIRECTION FROM OBSERVER: START 238° STOP 238°
 DESCRIBE EMISSIONS: START clear/none STOP SAME
 EMISSION COLOR: START none STOP none PLUME TYPE: CONTINUOUS FUGITIVE INTERMITTENT
 WATER DROPLETS PRESENT: NO YES IF WATER DROPLET PLUME: ATTACHED DETACHED
 POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED: START TRANSFER Point STOP SAME
 DESCRIBE BACKGROUND: START Rock STOP Rock
 BACKGROUND COLOR: START Tan STOP Tan SKY CONDITIONS: START scatt STOP scatt
 WIND SPEED: START 0-3 STOP 0-3 WIND DIRECTION: START S STOP S
 AMBIENT TEMP: START 82 STOP 82 WET BULB TEMP: 78 RH, percent: 83%

OBSERVATION DATE		START TIME		STOP TIME	COMMENTS
7/10/06		10:15		10:45	
SEC MIN	0	15	30	45	
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
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29	0	0	0	0	
30	0	0	0	0	

COMMENTS

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE

TITLE DATE

OBSERVER'S NAME (PRINT) Gen A. Haven

OBSERVER'S SIGNATURE DATE 7/10/06

ORGANIZATION HOOGLER AND ASSOCIATES, INC.

CERTIFIED BY ETA DATE 5/06



SOURCE NAME <i>Dixie Lime and Stone</i>		
ADDRESS <i>CR 470</i>		
<i>Sumter County</i>		
CITY <i>Sumterville</i>	STATE <i>FL</i>	ZIP
PHONE <i>629-9715</i>	SOURCE ID NUMBER <i>119001</i>	
PROCESS EQUIPMENT <i>2818 Stacker to pile</i>	OPERATING MODE <i>600 tph</i>	
CONTROL EQUIPMENT <i>None</i>	OPERATING MODE <i>NA</i>	
DESCRIBE EMISSION POINT START <i>Drop point to pile</i> STOP <i>Same</i>		
HEIGHT ABOVE GROUND LEVEL START <i>0-20'</i> STOP <i>0-20'</i>		HEIGHT RELATIVE TO OBSERVER START <i>0-20'</i> STOP <i>0-20'</i>
DISTANCE FROM OBSERVER START <i>120'</i> STOP <i>120'</i>		DIRECTION FROM OBSERVER START <i>253°</i> STOP <i>253°</i>
DESCRIBE EMISSIONS START <i>clear/none</i> STOP <i>same</i>		
EMISSION COLOR START <i>none</i> STOP <i>none</i>	PLUME TYPE: CONTINUOUS <input type="checkbox"/> FUGITIVE <input checked="" type="checkbox"/> INTERMITTENT <input type="checkbox"/>	
WATER DROPLETS PRESENT: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	IF WATER DROPLET PLUME: ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>	
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START <i>Drop Point and edge of pile</i> STOP <i>same</i>		
DESCRIBE BACKGROUND START <i>Rock pile</i> STOP <i>same</i>		
BACKGROUND COLOR START <i>Tan</i> STOP <i>Tan</i>	SKY CONDITIONS START <i>Scat</i> STOP <i>ScatL</i>	
WIND SPEED START <i>2-4</i> STOP <i>2-4</i>	WIND DIRECTION START <i>S</i> STOP <i>S</i>	
AMBIENT TEMP: START <i>85</i> STOP <i>85</i>	WET BULB TEMP <i>78</i>	RH. percent <i>74%</i>
<p>Draw North Arrow</p> <p>Labels: <i>Screen</i>, <i>under belt</i>, <i>Stacker</i>, <i>Emission Point</i>, <i>Observers Positions</i>, <i>140°</i>, <i>Sun Location Line</i>, <i>Plume and Stack</i>, <i>Sun</i>, <i>Wind</i></p>		

SEC MIN	OBSERVATION DATE				START TIME	STOP TIME	COMMENTS
	0	15	30	45	10:45	11:15	
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2	0	0	0	0			
3	0	0	0	0			
4	0	0	0	0			
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6	0	0	0	0			
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30	0	0	0	0			

COMMENTS
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE
TITLE
DATE

OBSERVER'S NAME (PRINT) <i>Glen Haven</i>	
OBSERVER'S SIGNATURE <i>Glen Haven</i>	DATE <i>7/10/06</i>
ORGANIZATION KOOGLER AND ASSOCIATES, INC.	
CERTIFIED BY <i>ETA</i>	DATE <i>5/06</i>

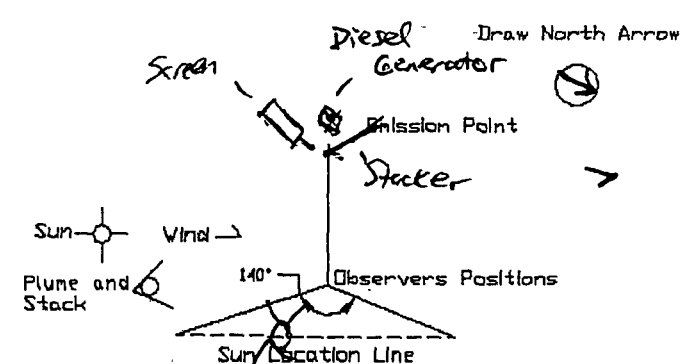


119111

SOURCE NAME: *Dixie Lime and Stone*
 ADDRESS: *CR 470*
 CITY: *Sumterville* STATE: *FL* ZIP:
 PHONE: *629-975* SOURCE ID NUMBER: *119001*
 PROCESS EQUIPMENT: *Diesel Generator* OPERATING MODE: *600 Hz*
 CONTROL EQUIPMENT: *None* OPERATING MODE: *N/A*
 DESCRIBE EMISSION POINT: *Road Black exhaust pipe / same*
 HEIGHT ABOVE GROUND LEVEL: *START 7' STOP 7'* HEIGHT RELATIVE TO OBSERVER: *START 7' STOP 7'*
 DISTANCE FROM OBSERVER: *START 140' STOP 140'* DIRECTION FROM OBSERVER: *START 237° STOP 237°*
 DESCRIBE EMISSIONS: *START clear/none STOP same*
 EMISSION COLOR: *START none STOP none* PLUME TYPE: CONTINUOUS FUGITIVE INTERMITTENT
 WATER DROPLETS PRESENT: *NO* YES IF WATER DROPLET PLUME ATTACHED: DETACHED
 POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED: *START Stack outlet STOP same*
 DESCRIBE BACKGROUND: *START trees STOP trees*
 BACKGROUND COLOR: *START Green STOP Green* SKY CONDITIONS: *START scatt STOP scatt.*
 WIND SPEED: *START 2-4 STOP 2-4* WIND DIRECTION: *START S STOP S*
 AMBIENT TEMP: *START 85 STOP 85* WET BULB TEMP: *78* RH.percent: *74%*

OBSERVATION TIME	START TIME	STOP TIME	COMMENTS				
SEC MIN	0 15 30 45						
1	0 0 0 0						
2	0 0 0 0						
3	0 0 0 0						
4	0 0 0 0						
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27	0 0 0 0						
28	0 0 0 0						
29	0 0 0 0						
30	0 0 0 0						

2818



COMMENTS:

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE: TITLE: DATE:

OBSERVER'S NAME (PRINT): *Allen J. Haven*

OBSERVER'S SIGNATURE: *[Signature]* DATE: *7/10/06*

ORGANIZATION: **KOOGLER AND ASSOCIATES, INC.**

CERTIFIED BY: *ETA* DATE: *5/06*



**VISIBLE EMISSIONS
OBSERVATIONS REPORT**

LIMESTONE QUARRY AND NONMETALLIC
MINERAL PROCESSING PLANT
CUMMER MINE
OCALA, MARION COUNTY, FLORIDA

**DIXIE LIME AND STONE COMPANY
ANTHONY, FLORIDA**

7774814

Permit No. 0830091-005-AO


Test Date: September 15, 2005
Report Date: September 23, 2005

*Koogler & Associates, Inc.
4014 N.W. 13th Street
Gainesville, Florida 32609
(352) 377-5822*

578-05-02



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.



William A, Proses, P.E.

State of Florida
Registration No. 52080

09|23|05

Date

1.0 INTRODUCTION

Dixie Lime and Stone Company owns and operates a limestone quarry and nonmetallic mineral processing plant at 2501 West Highway 326, Ocala, Marion County, Florida. On September 15, 2005, Koogler & Associates, Inc. of Gainesville, Florida, conducted visible emissions observations on three emission points in Unit No. 1833 (feeder, crusher belt and stacker belt), four emission points in Unit No. 1840 (crusher, wobbler feeder, charging hopper, and wobbler collection conveyor) and two emission points in the Powerscreen portable screening unit (power screen and screen belt). All testing was conducted in accordance with EPA Method 9 (40 CFR 60, Appendix A). The purpose of the testing was to demonstrate compliance with the emission limiting standards set forth in Permit No. 0830091-005-AO and compliance for an air general permit notification.

Prior to the test date, the Central District Office of the Florida Department of Environmental Protection was notified of the test schedule and testing methods.

During the test periods, Unit Nos. 1833 and 1840 were operating normally at production rates of 400 and 750 tons per hour, respectively. The power screening unit was operating at a production rate of 300 tons per hour. The permit limits the production rate of Unit No. 1833 to 450 tons per hour and Unit No. 1840 to 750 tons per hour.

Visible emissions observations were conducted for 30 minute periods on each emission point. During the observation periods, no visible emissions were observed. The permit limits the opacity of emissions from the crushers to fifteen percent and all other point to 10 percent.

Based upon the data provided herein, it can be concluded that during the periods of testing on September 15, 2005, the plant was operating in compliance with the opacity standards established in Permit No. 0830091-005-AO and in compliance for an air general permit notification.

Appendix

Calculations

Field Data Sheets

Project Participants

Calculations

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : DIXIE LIME & STONE - OCALA, FL.
 SOURCE: 1833 FEEDER
 DATE : SEPT. 15, 2005
 TIME START: 09:01
 TIME FINISH: 09:31

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0

AVERAGE OPACITY: 0.0 %
 MAXIMUM OPACITY: 0 %

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : DIXIE LIME & STONE - OCALA, FL.
 SOURCE: 1833 FEEDER
 DATE : SEPT. 15, 2005
 TIME START: 09:01
 TIME FINISH: 09:31

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS				
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	0.0
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0

HIGHEST SIX-MINUTE ROLLING AVERAGE: 0.0 %

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : DIXIE LIME & STONE - OCALA, FL.
 SOURCE: 1833 CRUSHER UNDERBELT
 DATE : SEPT. 15, 2005
 TIME START: 09:01
 TIME FINISH: 09:31

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0

AVERAGE OPACITY: 0.0 %
 MAXIMUM OPACITY: 0 %

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : DIXIE LIME & STONE - OCALA, FL.
 SOURCE: 1833 CRUSHER UNDERBELT
 DATE : SEPT. 15, 2005
 TIME START: 09:01
 TIME FINISH: 09:31

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
	SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS			
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	0.0
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0

HIGHEST SIX-MINUTE ROLLING AVERAGE: 0.0 %

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : DIXIE LIME & STONE - OCALA, FL.
 SOURCE: 1833 CRUSHER UNDERBELT TO STACKER BELT
 DATE : SEPT. 15, 2005
 TIME START: 09:01
 TIME FINISH: 09:31

Dept. of Environmental Protection
 Southwest District
 AUG 14 2006

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0

AVERAGE OPACITY: 0.0 %
 MAXIMUM OPACITY: 0 %

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : DIXIE LIME & STONE - OCALA, FL.
SOURCE: 1833 CRUSHER UNDERBELT TO STACKER BELT
DATE : SEPT. 15, 2005
TIME START: 09:01
TIME FINISH: 09:31

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS				
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	0.0
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0

HIGHEST SIX-MINUTE ROLLING AVERAGE: 0.0 %

KOOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : DIXIE LIME & STONE - OCALA, FL.
 SOURCE: 1840 CRUSHER
 DATE : SEPT. 15, 2005
 TIME START: 09:41
 TIME FINISH: 10:11

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0

AVERAGE OPACITY: 0.0 %
 MAXIMUM OPACITY: 0 %

KOOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : DIXIE LIME & STONE - OCALA, FL.
 SOURCE: 1840 CRUSHER
 DATE : SEPT. 15, 2005
 TIME START: 09:41
 TIME FINISH: 10:11

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
	SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS			
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	0.0
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0

HIGHEST SIX-MINUTE ROLLING AVERAGE: 0.0 %

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : DIXIE LIME & STONE - OCALA, FL.
 SOURCE: 1840 WOBLER FEEDER
 DATE : SEPT. 15, 2005
 TIME START: 09:41
 TIME FINISH: 10:11

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0

AVERAGE OPACITY: 0.0 %
 MAXIMUM OPACITY: 0 %

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : DIXIE LIME & STONE - OCALA, FL.
 SOURCE: 1840 WOBBLER FEEDER
 DATE : SEPT. 15, 2005
 TIME START: 09:41
 TIME FINISH: 10:11

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS				
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	0.0
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0

HIGHEST SIX-MINUTE ROLLING AVERAGE: 0.0 %

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : DIXIE LIME & STONE - OCALA, FL.
 SOURCE: 1840 CHARGING HOPPER
 DATE : SEPT. 15, 2005
 TIME START: 09:41
 TIME FINISH: 10:11

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0

AVERAGE OPACITY: 0.0 %
 MAXIMUM OPACITY: 0 %

KOOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : DIXIE LIME & STONE - OCALA, FL.
SOURCE : 1840 CHARGING HOPPER
DATE : SEPT. 15, 2005
TIME START: 09:41
TIME FINISH: 10:11

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS				
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	0.0
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0

HIGHEST SIX-MINUTE ROLLING AVERAGE: 0.0 %

KOOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : DIXIE LIME & STONE - OCALA, FL.
 SOURCE : 1840 WOBBLER FEEDER TO STACKER BELT
 DATE : SEPT. 15, 2005
 TIME START: 09:41
 TIME FINISH: 10:11

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0

AVERAGE OPACITY: 0.0 %
 MAXIMUM OPACITY: 0 %

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : DIXIE LIME & STONE - OCALA, FL.
 SOURCE: 1840 WOBBLER FEEDER TO STACKER BELT
 DATE : SEPT. 15, 2005
 TIME START: 09:41
 TIME FINISH: 10:11

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS				
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	0.0
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0
HIGHEST SIX-MINUTE ROLLING AVERAGE: 0.0 %				

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : DIXIE LIME & STONE - OCALA, FL.
 SOURCE: POWER SCREEN
 DATE : SEPT. 15, 2005
 TIME START: 10:21
 TIME FINISH: 10:51

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0

AVERAGE OPACITY: 0.0 %
 MAXIMUM OPACITY: 0 %

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : DIXIE LIME & STONE - OCALA, FL.
 SOURCE: POWER SCREEN
 DATE : SEPT. 15, 2005
 TIME START: 10:21
 TIME FINISH: 10:51

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS				
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	0.0
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0

HIGHEST SIX-MINUTE ROLLING AVERAGE: 0.0 %

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : DIXIE LIME & STONE - OCALA, FL.
 SOURCE: SCREEN BELT
 DATE : SEPT. 15, 2005
 TIME START: 10:21
 TIME FINISH: 10:51

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0

AVERAGE OPACITY: 0.0 %
 MAXIMUM OPACITY: 0 %

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : DIXIE LIME & STONE - OCALA, FL.
 SOURCE: SCREEN BELT
 DATE : SEPT. 15, 2005
 TIME START: 10:21
 TIME FINISH: 10:51

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS				
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	0.0
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0

HIGHEST SIX-MINUTE ROLLING AVERAGE: 0.0 %

Field Data Sheets

SOURCE NAME
Vitic Lime & Stone

ADDRESS
2501 West Hwy 326

CITY *Osala* STATE *FL* ZIP _____

PHONE *352-629-9715* SOURCE ID NUMBER *0830091*

PROCESS EQUIPMENT *1833 feeder* OPERATING MODE *400TPH*

CONTROL EQUIPMENT _____ OPERATING MODE _____

DESCRIBE EMISSION POINT
START *Top of feeder* STOP *same*

HEIGHT ABOVE GROUND LEVEL START *20'2* STOP *20'2* HEIGHT RELATIVE TO OBSERVER START _____ STOP _____

DISTANCE FROM OBSERVER START *180'2* STOP *180'2* DIRECTION FROM OBSERVER START *270°* STOP *270°*

DESCRIBE EMISSIONS
START *Clear* STOP *Clear*

EMISSION COLOR START *Clear* STOP *Clear* PLUME TYPE: CONTINUOUS FUGITIVE INTERMITTENT

WATER DROPLETS PRESENT: NO YES IF WATER DROPLET PLUME: ATTACHED DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED
START *Top of feeder* STOP *same*

DESCRIBE BACKGROUND
START *Wall* STOP *same*

BACKGROUND COLOR START *MC* STOP *MC* SKY CONDITIONS START *Clear* STOP *Clear*

WIND SPEED START *0-2* STOP *0-2* WIND DIRECTION START *Near* STOP *Near*

AMBIENT TEMP: START *80* STOP *80* WET BULB TEMP *74* RH. percent *76*

Draw North Arrow

The diagram illustrates the observation setup. An 'Emission Point' is marked with an 'X' at the top of a vertical line. A 'Sun Location Line' is shown as a dashed line with an asterisk at the bottom. A 'Plume and Stack' is depicted as a curved line extending from the emission point. 'Observers Positions' are indicated by a horizontal line at the bottom. A 'Wind' direction is shown with an arrow pointing towards the plume. A '140°' angle is marked between the sun location line and the wind direction. A north arrow is also present.

OBSERVATION DATE	START TIME				STOP TIME	COMMENTS	
	sec	MIN	0	15	30		45
<i>9-15-05</i>					<i>0901</i>	<i>0931</i>	
1	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
2	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
3	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
4	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
5	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
6	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
7	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
8	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
9	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
10	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
11	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
12	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
13	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
14	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
15	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
16	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
17	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
18	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
19	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
20	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
21	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
22	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
23	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
24	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
25	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
26	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
27	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
28	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
29	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
30	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			

COMMENTS

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE

TITLE

DATE

OBSERVER'S NAME (PRINT)
Rodney PAUL

OBSERVER'S SIGNATURE
Rodney Paul DATE *9-15-05*

ORGANIZATION *KOUGLER AND ASSOCIATES, INC.*

CERTIFIED BY *ETA* DATE *6-05*



SOURCE NAME
Viking Lime & Stone

ADDRESS
2501 West Hwy 326

CITY
Oscola STATE *FL* ZIP

PHONE
352-629-9715 SOURCE ID NUMBER
0830091

PROCESS EQUIPMENT
1833 Crusher del OPERATING MODE
400TPH

CONTROL EQUIPMENT OPERATING MODE

DESCRIBE EMISSION POINT
START *Belt area* STOP *same*

HEIGHT ABOVE GROUND LEVEL
START *3' n* STOP *3' n* HEIGHT RELATIVE TO OBSERVER
START *-17 1/2* STOP *-17 1/2*

DISTANCE FROM OBSERVER
START *150' n* STOP *150' n* DIRECTION FROM OBSERVER
START *270* STOP *270*

DESCRIBE EMISSIONS
START *clear* STOP *clear*

EMISSION COLOR
START *clear* STOP *clear* PLUME TYPE: CONTINUOUS
FUGITIVE INTERMITTENT

WATER DROPLETS PRESENT: NO YES IF WATER DROPLET PLUME:
ATTACHED DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED
START *Top of area* STOP *same*

DESCRIBE BACKGROUND
START *Equip* STOP *same*

BACKGROUND COLOR
START *mc* STOP *mc* SKY CONDITIONS
START *clear* STOP *clear*

WIND SPEED
START *0-2* STOP *0-2* WIND DIRECTION
START *Vari* STOP *Vari*

AMBIENT TEMP.
START *80* STOP *80* WET BULB TEMP
74 RH. percent
76

MIN	OBSERVATION DATE				START TIME	STOP TIME	COMMENTS
	0	15	30	45			
1	0	0	0	0			
2	0	0	0	0			
3	0	0	0	0			
4	0	0	0	0			
5	0	0	0	0			
6	0	0	0	0			
7	0	0	0	0			
8	0	0	0	0			
9	0	0	0	0			
10	0	0	0	0			
11	0	0	0	0			
12	0	0	0	0			
13	0	0	0	0			
14	0	0	0	0			
15	0	0	0	0			
16	0	0	0	0			
17	0	0	0	0			
18	0	0	0	0			
19	0	0	0	0			
20	0	0	0	0			
21	0	0	0	0			
22	0	0	0	0			
23	0	0	0	0			
24	0	0	0	0			
25	0	0	0	0			
26	0	0	0	0			
27	0	0	0	0			
28	0	0	0	0			
29	0	0	0	0			
30	0	0	0	0			

COMMENTS

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS
SIGNATURE

TITLE

DATE

OBSERVER'S NAME (PRINT)
Rodney PAUL

OBSERVER'S SIGNATURE
Rodney Paul DATE
9-15-05

ORGANIZATION
KOGLER AND ASSOCIATES, INC.

CERTIFIED BY
ETA DATE
6-05



SOURCE NAME
Viking Lime & Stone

ADDRESS
2501 West Hwy 326

CITY *Ocala* STATE *FL* ZIP _____

PHONE *352-629-9715* SOURCE ID NUMBER *0830091*

PROCESS EQUIPMENT *1833 Stacker* OPERATING MODE *400TPH*

CONTROL EQUIPMENT _____ OPERATING MODE _____

DESCRIBE EMISSION POINT
START *Belt chp* STOP *same*

HEIGHT ABOVE GROUND LEVEL START *5 1/2* STOP *5 1/2* HEIGHT RELATIVE TO OBSERVER START *13 1/2* STOP *13 1/2*

DISTANCE FROM OBSERVER START *130* STOP *130 1/2* DIRECTION FROM OBSERVER START *270* STOP *270*

DESCRIBE EMISSIONS
START *clear* STOP *clear*

EMISSION COLOR START *clear* STOP *clear* PLUME TYPE: CONTINUOUS FUGITIVE INTERMITTENT

WATER DROPLETS PRESENT: NO YES IF WATER DROPLET PLUME: ATTACHED DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED
START *Top of drop* STOP *same*

DESCRIBE BACKGROUND
START *Equip* STOP *same*

BACKGROUND COLOR START *MC* STOP *MC* SKY CONDITIONS START *clear* STOP *clear*

WIND SPEED START *0-2* STOP *0-2* WIND DIRECTION START *Var* STOP *Var*

AMBIENT TEMP: START *80* STOP *80* WET BULB TEMP *74* RH. percent *76*

Draw North Arrow

The diagram shows a central 'X' labeled 'Emission Point'. A vertical line extends upwards from it. To the left, a circle with a dot is labeled 'Sun'. A horizontal arrow labeled 'Wind' points to the right. A dashed line labeled 'Sun Location Line' extends downwards from the emission point. A line labeled 'Plume and Stack' extends downwards from the emission point. A line labeled 'Observers Positions' extends downwards from the emission point. An angle of 140 degrees is marked between the 'Sun Location Line' and the 'Observers Positions' line. A north arrow symbol is also present.

OBSERVATION	DATE				START TIME	STOP TIME	COMMENTS
	SEC	MIN	0	15	30	45	
	9-15-05				0901	0931	
1	0	0	0	0	0	0	
2	0	0	0	0	0	0	
3	0	0	0	0	0	0	
4	0	0	0	0	0	0	
5	0	0	0	0	0	0	
6	0	0	0	0	0	0	
7	0	0	0	0	0	0	
8	0	0	0	0	0	0	
9	0	0	0	0	0	0	
10	0	0	0	0	0	0	
11	0	0	0	0	0	0	
12	0	0	0	0	0	0	
13	0	0	0	0	0	0	
14	0	0	0	0	0	0	
15	0	0	0	0	0	0	
16	0	0	0	0	0	0	
17	0	0	0	0	0	0	
18	0	0	0	0	0	0	
19	0	0	0	0	0	0	
20	0	0	0	0	0	0	
21	0	0	0	0	0	0	
22	0	0	0	0	0	0	
23	0	0	0	0	0	0	
24	0	0	0	0	0	0	
25	0	0	0	0	0	0	
26	0	0	0	0	0	0	
27	0	0	0	0	0	0	
28	0	0	0	0	0	0	
29	0	0	0	0	0	0	
30	0	0	0	0	0	0	

COMMENTS

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TITLE _____ DATE _____

OBSERVER'S NAME (PRINT)
Rodney PAUL

OBSERVER'S SIGNATURE
Rodney Paul DATE *9-15-05*

ORGANIZATION *KOGLER AND ASSOCIATES, INC.*

CERTIFIED BY *ETA* DATE *6-05*



SOURCE NAME
Viking Lime & Stone

ADDRESS
2501 West Hwy 326

CITY
Ocala STATE *FL* ZIP

PHONE
352-629-9715 SOURCE ID NUMBER
0830091

PROCESS EQUIPMENT
1840 Crusher OPERATING MODE
750TPH

CONTROL EQUIPMENT OPERATING MODE

DESCRIBE EMISSION POINT
START *Crusher Area* STOP *same*

HEIGHT ABOVE GROUND LEVEL
START *25h* STOP *25h* HEIGHT RELATIVE TO OBSERVER
START *20h* STOP *20h*

DISTANCE FROM OBSERVER
START *110h* STOP *110h* DIRECTION FROM OBSERVER
START *344°* STOP *344°*

DESCRIBE EMISSIONS
START *clear* STOP *clear*

EMISSION COLOR
START *clear* STOP *clear* PLUME TYPE: CONTINUOUS
FUGITIVE INTERMITTENT

WATER DROPLETS PRESENT: NO YES IF WATER DROPLET PLUME: ATTACHED DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED
START *Top of crusher* STOP *same*

DESCRIBE BACKGROUND
START *Wall* STOP *Wall*

BACKGROUND COLOR
START *mc* STOP *mc* SKY CONDITIONS
START *clear* STOP *clear*

WIND SPEED
START *0-2* STOP *0-2* WIND DIRECTION
START *Var* STOP *Var*

AMBIENT TEMP:
START *82* STOP *82* WET BULB TEMP *77* RH.percent *79*

Draw North Arrow

The diagram illustrates the observation setup. An 'Emission Point' is marked with an 'X' at the top of a vertical line representing the stack. Below it, 'Observers Positions' are indicated by a horizontal line. A 'Sun Location Line' is shown as a dashed line extending from the observers' position towards the bottom right. A 'Plume and Stack' is drawn as a curved line extending from the emission point. A compass rose shows 'Sun' and 'Wind' directions. A '140°' angle is marked between the sun location line and the observers' position line. A north arrow is also present.

COMMENTS

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TITLE DATE

OBSERVATION DATE		START TIME		STOP TIME	COMMENTS
SEC	MIN	0	15	30	
9-15-05		0941		1011	
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	0	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

OBSERVER'S NAME (PRINT)
Rodney PAUL

OBSERVER'S SIGNATURE
Rodney Paul DATE
9-15-05

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE

ORGANIZATION **KOGLER AND ASSOCIATES, INC.**

CERTIFIED BY *ETA* DATE
6-05



SOURCE NAME
Dinic Lime & Stone

ADDRESS
2501 West Hwy 326

CITY
Osola STATE *FL* ZIP

PHONE
352-629-9715 SOURCE ID NUMBER
0830091

PROCESS EQUIPMENT
1840 Walker OPERATING MODE
750 TPH

CONTROL EQUIPMENT OPERATING MODE

DESCRIBE EMISSION POINT
START *Wobblers Area* STOP *same*

HEIGHT ABOVE GROUND LEVEL
START *10h* STOP *10h* HEIGHT RELATIVE TO OBSERVER
START *5h* STOP *5h*

DISTANCE FROM OBSERVER
START *110h* STOP *110h* DIRECTION FROM OBSERVER
START *346°* STOP *346°*

DESCRIBE EMISSIONS
START *clear* STOP *clear*

EMISSION COLOR
START *clear* STOP *clear* PLUME TYPE: CONTINUOUS
FUGITIVE INTERMITTENT

WATER DROPLETS PRESENT:
NO YES IF WATER DROPLET PLUME:
ATTACHED DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED
START *Top of Wobblers* STOP *same*

DESCRIBE BACKGROUND
START *Equip* STOP *same*

BACKGROUND COLOR
START *mc* STOP *mc* SKY CONDITIONS
START *clear* STOP *clear*

WIND SPEED
START *0-2* STOP *0-2* WIND DIRECTION
START *Var* STOP *Var*

AMBIENT TEMP:
START *82* STOP *82* WET BULB TEMP
77 RH. percent
79

Draw North Arrow

OBSERVATION DATE	START TIME				STOP TIME	COMMENTS	
	SEC	MIN	0	15			30
<i>9-15-05</i>					<i>0941</i>	<i>1011</i>	
	1	0	0	0	0		
	2	0	0	0	0		
	3	0	0	0	0		
	4	0	0	0	0		
	5	0	0	0	0		
	6	0	0	0	0		
	7	0	0	0	0		
	8	0	0	0	0		
	9	0	0	0	0		
	10	0	0	0	0		
	11	0	0	0	0		
	12	0	0	0	0		
	13	0	0	0	0		
	14	0	0	0	0		
	15	0	0	0	0		
	16	0	0	0	0		
	17	0	0	0	0		
	18	0	0	0	0		
	19	0	0	0	0		
	20	0	0	0	0		
	21	0	0	0	0		
	22	0	0	0	0		
	23	0	0	0	0		
	24	0	0	0	0		
	25	0	0	0	0		
	26	0	0	0	0		
	27	0	0	0	0		
	28	0	0	0	0		
	29	0	0	0	0		
	30	0	0	0	0		

COMMENTS

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TITLE

DATE

OBSERVER'S NAME (PRINT)
Rodney PAUL

OBSERVER'S SIGNATURE
Rodney Paul DATE
9-15-05

ORGANIZATION
KOUGLER AND ASSOCIATES, INC.

CERTIFIED BY
ETA DATE
6-05



SOURCE NAME
Viking Lime & Stone

ADDRESS
2501 West Hwy 326

CITY
Ocala STATE *FL* ZIP

PHONE
352-629-9715 SOURCE ID NUMBER
0830091

PROCESS EQUIPMENT
1840 Charging Hopper OPERATING MODE
750TPH

CONTROL EQUIPMENT OPERATING MODE

DESCRIBE EMISSION POINT
START *Hopper* STOP *same*

HEIGHT ABOVE GROUND LEVEL
START *25'2"* STOP *25'2"* HEIGHT RELATIVE TO OBSERVER
START *20h* STOP *20h*

DISTANCE FROM OBSERVER
START *120h* STOP *120h* DIRECTION FROM OBSERVER
START *330°* STOP *330°*

DESCRIBE EMISSIONS
START *clear* STOP *clear*

EMISSION COLOR
START *clear* STOP *clear* PLUME TYPE: CONTINUOUS
FUGITIVE INTERMITTENT

WATER DROPLETS PRESENT: NO YES IF WATER DROPLET PLUME:
ATTACHED DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED
START *Top of hopper* STOP *same*

DESCRIBE BACKGROUND
START *Wall* STOP *Wall*

BACKGROUND COLOR
START *mc* STOP *mc* SKY CONDITIONS
START *clear* STOP *clear*

WIND SPEED
START *0-2* STOP *0-2* WIND DIRECTION
START *Vari* STOP *Vari*

AMBIENT TEMP:
START *82* STOP *82* WET BULB TEMP
77 RH, percent
79

Draw North Arrow

The diagram shows an 'X' for the Emission Point. A dashed line indicates the Sun Location Line. A circle with a dot represents the Sun, and an arrow indicates the Wind direction. A line labeled 'Plume and Stack' is shown at a 140-degree angle from the Sun Location Line. Two points are marked as 'Observers Positions'.

SEC MIN	OBSERVATION DATE				START TIME	STOP TIME	COMMENTS
	0	15	30	45			
	9-15-05				0941	1011	
1	0	0	0	0			
2	0	0	0	0			
3	0	0	0	0			
4	0	0	0	0			
5	0	0	0	0			
6	0	0	0	0			
7	0	0	0	0			
8	0	0	0	0			
9	0	0	0	0			
10	0	0	0	0			
11	0	0	0	0			
12	0	0	0	0			
13	0	0	0	0			
14	0	0	0	0			
15	0	0	0	0			
16	0	0	0	0			
17	0	0	0	0			
18	0	0	0	0			
19	0	0	0	0			
20	0	0	0	0			
21	0	0	0	0			
22	0	0	0	0			
23	0	0	0	0			
24	0	0	0	0			
25	0	0	0	0			
26	0	0	0	0			
27	0	0	0	0			
28	0	0	0	0			
29	0	0	0	0			
30	0	0	0	0			

COMMENTS

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TITLE

DATE

OBSERVER'S NAME (PRINT)
Rodney PAUL

OBSERVER'S SIGNATURE
Rodney Paul DATE
9-15-05

ORGANIZATION
KOGLER AND ASSOCIATES, INC.

CERTIFIED BY
ETA DATE
605



SOURCE NAME
Dinic Lime & Stone

ADDRESS
2501 West Hwy 326

CITY *Ocala* STATE *FL* ZIP

PHONE *352-629-9715* SOURCE ID NUMBER *0830091*

PROCESS EQUIPMENT *1840 Kroll ta* OPERATING MODE *750 TPH*

CONTROL EQUIPMENT OPERATING MODE

DESCRIBE EMISSION POINT
START *Drop area* STOP *same*

HEIGHT ABOVE GROUND LEVEL
START *15'* STOP *15'* HEIGHT RELATIVE TO OBSERVER
START *10'* STOP *10'*

DISTANCE FROM OBSERVER
START *100'* STOP *100'* DIRECTION FROM OBSERVER
START *340°* STOP *340°*

DESCRIBE EMISSIONS
START *clear* STOP *clear*

EMISSION COLOR
START *clear* STOP *clear* PLUME TYPE: CONTINUOUS
FUGITIVE INTERMITTENT

WATER DROPLETS PRESENT: NO YES IF WATER DROPLET PLUME:
ATTACHED DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED
START *Top of drop* STOP *same*

DESCRIBE BACKGROUND
START *Wall* STOP *same*

BACKGROUND COLOR
START *mc* STOP *mc* SKY CONDITIONS
START *clear* STOP *clear*

WIND SPEED
START *0-2* STOP *0-2* WIND DIRECTION
START *Vari* STOP *Vari*

AMBIENT TEMP:
START *82* STOP *82* WET BULB TEMP *77* RH.percent *79*

OBSERVATION MIN	DATE			START TIME	STOP TIME	COMMENTS
	0	15	30	45		
	9-15-05			0941	1011	
1	0	0	0	0		
2	0	0	0	0		
3	0	0	0	0		
4	0	0	0	0		
5	0	0	0	0		
6	0	0	0	0		
7	0	0	0	0		
8	0	0	0	0		
9	0	0	0	0		
10	0	0	0	0		
11	0	0	0	0		
12	0	0	0	0		
13	0	0	0	0		
14	0	0	0	0		
15	0	0	0	0		
16	0	0	0	0		
17	0	0	0	0		
18	0	0	0	0		
19	0	0	0	0		
20	0	0	0	0		
21	0	0	0	0		
22	0	0	0	0		
23	0	0	0	0		
24	0	0	0	0		
25	0	0	0	0		
26	0	0	0	0		
27	0	0	0	0		
28	0	0	0	0		
29	0	0	0	0		
30	0	0	0	0		

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DATE

OBSERVER'S NAME (PRINT)
Rodney PAUL

OBSERVER'S SIGNATURE
Rodney Paul DATE *9-15-05*

ORGANIZATION **KOGLER AND ASSOCIATES, INC.**

CERTIFIED BY *ETA* DATE *6-05*



SOURCE NAME
Dickie Lime & Stone

ADDRESS
2501 West Hwy 326

CITY *Ocala* STATE *FL* ZIP _____

PHONE *352-629-9715* SOURCE ID NUMBER *0830091*

PROCESS EQUIPMENT *Screen belt* OPERATING MODE *300TPH*

CONTROL EQUIPMENT _____ OPERATING MODE _____

2817

DESCRIBE EMISSION POINT
START *Bltdrop* STOP *belt drop*

HEIGHT ABOVE GROUND LEVEL START *4 1/2* STOP *4 1/2* HEIGHT RELATIVE TO OBSERVER START *-1/2* STOP *-1/2*

DISTANCE FROM OBSERVER START *90ft* STOP *90ft* DIRECTION FROM OBSERVER START *265* STOP *265*

DESCRIBE EMISSIONS
START *Clear* STOP *Clear*

EMISSION COLOR START *Clear* STOP *Clear* PLUME TYPE: CONTINUOUS FUGITIVE INTERMITTENT

WATER DROPLETS PRESENT. NO YES IF WATER DROPLET PLUME: ATTACHED DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED
START *Top of drop* STOP *same*

DESCRIBE BACKGROUND
START *Wall* STOP *same*

BACKGROUND COLOR START *mc* STOP *mc* SKY CONDITIONS START *Clear* STOP *Clear*

WIND SPEED START *0-2* STOP *0-2* WIND DIRECTION START *Vari* STOP *Vari*

AMBIENT TEMP: START *86* STOP *86* WET BULB TEMP *77* RH. percent *67*

Draw North Arrow

SEC MIN	OBSERVATION DATE			START TIME	STOP TIME	COMMENTS
	0	15	30	45		
1	0	0	0	0		
2	0	0	0	0		
3	0	0	0	0		
4	0	0	0	0		
5	0	0	0	0		
6	0	0	0	0		
7	0	0	0	0		
8	0	0	0	0		
9	0	0	0	0		
10	0	0	0	0		
11	0	0	0	0		
12	0	0	0	0		
13	0	0	0	0		
14	0	0	0	0		
15	0	0	0	0		
16	0	0	0	0		
17	0	0	0	0		
18	0	0	0	0		
19	0	0	0	0		
20	0	0	0	0		
21	0	0	0	0		
22	0	0	0	0		
23	0	0	0	0		
24	0	0	0	0		
25	0	0	0	0		
26	0	0	0	0		
27	0	0	0	0		
28	0	0	0	0		
29	0	0	0	0		
30	0	0	0	0		

COMMENTS

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DATE

OBSERVER'S NAME (PRINT)
Rodney PAUL

OBSERVER'S SIGNATURE
Rodney Paul DATE *9-15-05*

ORGANIZATION *KOUGLER AND ASSOCIATES, INC.*

CERTIFIED BY *ETA* DATE *6-05*



SOURCE NAME *Vibrio Lime & Stone*

ADDRESS *2501 West Hwy 326*

CITY *Ocala* STATE *FL* ZIP _____

PHONE *352-629-9715* SOURCE ID NUMBER *0830091*

PROCESS EQUIPMENT *Screen belt* OPERATING MODE *300TPH*

CONTROL EQUIPMENT _____ OPERATING MODE _____

DESCRIBE EMISSION POINT
START *Belt drop* STOP *belt drop*

HEIGHT ABOVE GROUND LEVEL START *4 1/2* STOP *4 1/2* HEIGHT RELATIVE TO OBSERVER START *1 1/2* STOP *1 1/2*

DISTANCE FROM OBSERVER START *90h* STOP *90h* DIRECTION FROM OBSERVER START *265* STOP *265°*

DESCRIBE EMISSIONS
START *Clear* STOP *clear*

EMISSION COLOR START *clear* STOP *clear* PLUME TYPE: CONTINUOUS FUGITIVE INTERMITTENT

WATER DROPLETS PRESENT: NO YES IF WATER DROPLET PLUME: ATTACHED DETACHED


POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED
START *Top of drop* STOP *same*

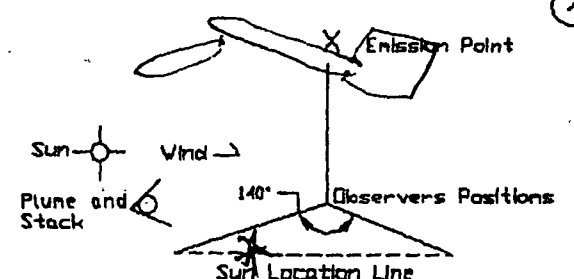
DESCRIBE BACKGROUND
START *Wall* STOP *same*

BACKGROUND COLOR START *mc* STOP *mc* SKY CONDITIONS START *Clear* STOP *Clear*

WIND SPEED START *0-2* STOP *0-2* WIND DIRECTION START *Vari* STOP *Vari*

AMBIENT TEMP: START *86* STOP *86* WET BULB TEMP *77* RH.percent *67*

Draw North Arrow 



The diagram shows a perspective view of the emission point (marked with an 'X') on a structure. A sun location line is drawn at the bottom, with a 140-degree angle marked between the sun location line and the line to the emission point. A wind direction arrow points to the right. Observers' positions are indicated by two small figures at the bottom. A plume and stack are also indicated.

OBSERVATION NO.	DATE				START TIME	STOP TIME	COMMENTS
	0	15	30	45			
	9-15-05				1021	1051	
1	0	0	0	0			
2	0	0	0	0			
3	0	0	0	0			
4	0	0	0	0			
5	0	0	0	0			
6	0	0	0	0			
7	0	0	0	0			
8	0	0	0	0			
9	0	0	0	0			
10	0	0	0	0			
11	0	0	0	0			
12	0	0	0	0			
13	0	0	0	0			
14	0	0	0	0			
15	0	0	0	0			
16	0	0	0	0			
17	0	0	0	0			
18	0	0	0	0			
19	0	0	0	0			
20	0	0	0	0			
21	0	0	0	0			
22	0	0	0	0			
23	0	0	0	0			
24	0	0	0	0			
25	0	0	0	0			
26	0	0	0	0			
27	0	0	0	0			
28	0	0	0	0			
29	0	0	0	0			
30	0	0	0	0			

2817

COMMENTS _____

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TITLE _____ DATE _____

OBSERVER'S NAME (PRINT) *Rodney PAUL*

OBSERVER'S SIGNATURE *Rodney Paul* DATE *9-15-05*

ORGANIZATION *KOUGLER AND ASSOCIATES, INC.*

CERTIFIED BY *ETA* DATE *6-05*



2817

SOURCE NAME: *Dixie Lime & Stone*

ADDRESS: *2501 West Hwy 326*

CITY: *Ocala* STATE: *FL* ZIP: _____

PHONE: *352-629-9715* SOURCE ID NUMBER: *0830091*

PROCESS EQUIPMENT: *Power Screen* OPERATING MODE: *300TPH*

CONTROL EQUIPMENT: _____ OPERATING MODE: _____

DESCRIBE EMISSION POINT
 START: *Screen* STOP: *same*

HEIGHT ABOVE GROUND LEVEL: START *10' h* STOP *10' h*
 HEIGHT RELATIVE TO OBSERVER: START *5' h* STOP *5' h*

DISTANCE FROM OBSERVER: START *75' h* STOP *75' h*
 DIRECTION FROM OBSERVER: START *255°* STOP *255°*

DESCRIBE EMISSIONS
 START: *clear* STOP: *clear*

EMISSION COLOR: START *clear* STOP *clear*
 PLUME TYPE: CONTINUOUS FUGITIVE INTERMITTENT

WATER DROPLETS PRESENT: NO YES
 IF WATER DROPLET PLUME: ATTACHED DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED
 START: *Top of screen* STOP: *same*

DESCRIBE BACKGROUND
 START: *Wall* STOP: *Wall*

BACKGROUND COLOR: START *mc* STOP *mc*
 SKY CONDITIONS: START *clear* STOP *clear*

WIND SPEED: START *0-2* STOP *0-2*
 WIND DIRECTION: START *Vari* STOP *Vari*

AMBIENT TEMP: START *86* STOP *86*
 WET BULB TEMP: *77* RH.percent: *67*

Draw North Arrow

The diagram shows an 'Emission Point' marked with an 'X' at the top of a structure. Below it, 'Observers Positions' are indicated. A 'Sun Location Line' is drawn from the sun (marked with a star) to the emission point, with a 140-degree angle marked between the sun location line and the line to the observers. Wind direction is shown as an arrow pointing right. A 'Plume and Stack' is also indicated.

OBSERVATION DATE		START TIME				STOP TIME	COMMENTS
9-15-05		1021				1051	
SEC	MIN	0	15	30	45	Dept. of Environmental Protection AUG 14 2005 Southwest District	
1		0	0	0	0		
2		0	0	0	0		
3		0	0	0	0		
4		0	0	0	0		
5		0	0	0	0		
6		0	0	0	0		
7		0	0	0	0		
8		0	0	0	0		
9		0	0	0	0		
10		0	0	0	0		
11		0	0	0	0		
12		0	0	0	0		
13		0	0	0	0		
14		0	0	0	0		
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27		0	0	0	0		
28		0	0	0	0		
29		0	0	0	0		
30		0	0	0	0		

COMMENTS

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TITLE

DATE

OBSERVER'S NAME (PRINT): *Rodney PAUL*

OBSERVER'S SIGNATURE: *Rodney Paul* DATE: *9-15-05*

ORGANIZATION: *KOUGLER AND ASSOCIATES, INC.*

CERTIFIED BY: *ETA* DATE: *6-05*



VISIBLE EMISSIONS EVALUATOR

This is to certify that

Rodney C. Paul

met the specifications of Federal Reference Method 9 and qualified as a visible emissions evaluator.

Maximum deviation on white and black smoke did not exceed 7.5% opacity and no single error exceeding 15% opacity was incurred during the certification test conducted by Eastern Technical Associates of Raleigh, North Carolina. This certificate is valid for six months from date of issue.

330859

Certificate Number

Jacksonville, Florida

Location

June 1, 2005

Date of Issue

Thomas Gore

President

Michael W. Sanford

Director of Training