

# Florida Department of Environmental Protection

Bob Martinez Center 2600 Blair Stone Road Tallahassee, Florida 32399-2400 Charlie Crist Governor

Jeff Kottkamp Lt. Governor

Michael W. Sole Secretary

January 12, 2009

Mr. Timothy Blaisdell White Rock Quarries WRQ South Aggregate Plant 5900 Northwest 122<sup>nd</sup> Avenue Miami, Florida 33015

Dear Mr. Blaisdell:

This is to acknowledge that your notification of intent to use the authority of Rule 62-210.310 to operate your facility was received on December 3, 2008. We have assigned ARMS No. <u>0251175-003</u> to this facility.

As you know, pursuant to Florida Statutes section 403.814, authority to operate under general permits commences thirty (30) days after receipt of the registration form unless you have been notified by this office that your facility has not shown entitlement to operate pursuant to the rule provisions.

For your information, authority to operate pursuant to Rule 62-210.310 expires after five (5) years. Therefore, a new registration form must be received no later than five (5) years after the date your notice was received as indicated above. If your general permit rule conditions require testing, such testing must be completed within the time frame specified in the rule.

If you have any additional questions, please contact Dickson Dibble at 850/921-9586.

Sincerely,

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

SFV/pg

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

### 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(4)(0), F.A.C. (\$100 as of the effective date of this form)

Registration Type	0631113	<u> </u>
Check one:		
INITIAL REGISTRATION - Notificati Construct and operate a proposed new Operate an existing facility not currer air operation permit to an air general	w facility.  Intly using an air general permit (e.g., a facility proposing to go from	om an
☐ Continue operating the facility after a ☐ Continue operating the facility after a ☐ Make an equipment change requiring	rently using an air general permit) - Notification of intent to: expiration of the current term of air general permit use. a change of ownership. g re-registration pursuant to Rule 62-210.310(2)(e), F.A.C., or any inistrative correction under Rule 62-210.310(2)(d), F.A.C.	
Surrender of Existing Air Operation Per	mit(s) - For Initial Registrations Only	
or operator upon the effective date of this a operation permits being surrendered. If no  All existing air operation permits for general permit; specifically permit nu	air operation permits, such permit(s) must be surrendered by the over the general permit. In such case, check the first box, and indicate the air operation permits are held by the facility, check the second box this facility are hereby surrendered upon the effective date of this number(s):	ne x.
N/A No air operation permits currently ex	rist for this facility	
No all operation permits currently ex	rist for this facility.	
General Facility Information		
Facility Owner/Company Name (Name of coperates, controls, or supervises the facility White Rock Quarries, Inc.		es,
Site Name (Name, if any, of the facility site	e; e.g., Plant A, Metropolis Plant, etc. If more than one facility is	3 00
owned, a registration form must be complete WRQ South Aggregate Plant		חבר - ו
Facility Location (Provide the physical loca	ation of the facility, not necessarily the mailing address.)	
Street Address: 5900 NW 122 <sup>nd</sup> Avenue City: Miami	County: Dade Zip Code: 33015	٠, <b>٢</b>
Facility Start-Up Date (Estimated start-up of N/A	date of proposed new facility.)(N/A for existing facility)	7509
	P. C. L. C.	<u>y</u> .

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

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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 Raymond Maddy - Vice President of Operations

Owner/Authorized Representative Mailing Address

Organization/Firm: White Rock Quarries Street Address: Post Office Box 15065

City: West Palm Beach

County: Palm Beach

Zip Code: 33416

Owner/Authorized Representative Telephone Numbers

Telephone:

(305) 822-5322

Fax: (305) 824-3508

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: Timothy Blaisdell, Facility Manager

Facility Contact Mailing Address

Organization/Firm WRO South Aggregate Plant

Street Address: 5900 NW 122nd Avenue

City: Miami

County: Dade

Zip Code: 33015

Facility Contact Telephone Numbers

Telephone:

(305) 822-5322

Fax: (305) 717-1567

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.

word Morley V.P. oper

Date /2/2/08

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#### 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.

### Air Permit No 0251175-002-AG

The facility processes limestone that is mine from the on-site quarry at approximately 800 tons per hour of material processed.

This application is being submitted with the following:

- 1. Figure 1 provides a process flow diagram of the facility that indicates process for informational purposes,
- 2. Copies of the annual visible emissions observations for the facility and
- 3. Table 1. Emission Points lists both new and existing equipment.

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### Appendix

Figure 1. Process Flow Diagram Visible Emission Observations Table 1. Emission Points



Figure 1. Process Flow Diagram



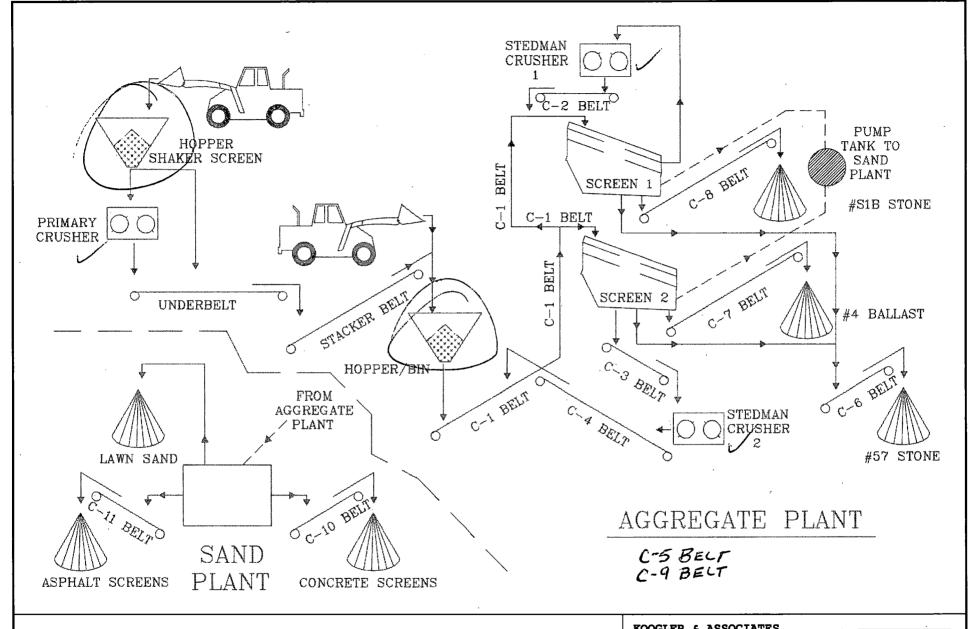


FIGURE 1. PROCESS FLOW DIAGRAM WHITE ROCK QUARRIES WRQ SOUTH AGGREGATE PLANT MIAMI, FLORIDA

KOOGLER & ASSOCIATES ENVIRONMENTAL SERVICES 4014 NW 13TH STREET GAINESVILLE, FLORIDA 32609 DWG. BY: N. LOFGREN

FILE NAME: PROCESS FLOW

DIAGRAM. DWG



**Visible Emission Observations** 



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1			19	SEFRVE	Reg SIG	TV TUR	iE				Nov.	4	2008
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TITLE	DATE	······································	CE	RTIFIE	D BY	Wh	nitlow	57A			DATE 7	200	)8

583-	08-02		CC	UNITNO	ED ON	VEO FO	RM NU	MBER				
SOURCE NAME: White Roo	k Quarries,	Inc.		1	RVATIO			START	TIME 30	STOP TIME		
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				3	G	9	0	σ				
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BACKGROUND COLOR START JONSTOP	SKY CONDITIONS START OC ST	TOP ~	1	19	r	ð	٥	0				
WIND SPEED	WIND DIRECTION		-	20	0	σ	•	C				
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	X Dr Stack	raw North Arrow		24	•	0	•	٥				
		(5) 7	1	25	o	σ	0	0		-		
	Enission Poli			26	a	9	٥	o				
CI	1/1/200	-Screens	Sycamore	27	9	o	ō	٥				_
Sun-b VInd-e4	07/2/V			28	G	0	C	С				
Plume and 140°	Observers Pos	Itlons	Left and Acco	29	5	٠ .	٥	٥			· · · · · · · · · · · · · · · · · · ·	
	Wen Line		to the same.	30	0	0	0	٦				
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I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE

DATE

TITLE

DATE

ORGANIZATION KOOGLER AND ASSOCIATES, INC.

Whitlow ETA

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Nov. 4 2008

DATE / 2008

333	<b></b>		L									—
SOURCE NAME: White Ro	ck Quarries,	Inc.			RVATIO	N DATE 2008	*****	START	T TIME	STOPT	TIME 21,30 .	
ADDRESS: 5900 NW 12	2nd Ave.		7	SEC	10	_	30			COMMI		
South Plant			-	1	0	D	6	Ö				
	···	00045	-	2	0	0	0	۵				
сіту: Міаті	STATE: <b>FL</b>	ZIP: <b>33015</b>	],	3	0	0	0	0				
PHONE; <b>305-822-5322</b>	SOURCE ID NUMBE	ER: <b>0251175</b>		4	0	0	0	0				
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noul				7	0	٥	0	O				
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madines	S <del>TOP-</del>		].	18	Ø	0	D	Q				
START STOP TO	START OL ST	TOP OC		19	0	0	0	O				<u> </u>
WIND SPEED	WIND DIRECTION	•	1	20	0	Ø	0	0				
START STOP S	WET BULB TEMP	RH.percent	-	21	0	එ	0	0				
START 74 STOP 74	69	78		22	0	0	0	0				
( /	Dr	raw North Arrow		23	0	0	0	0			<u> </u>	
~ <del></del>	يكر ا	$\sim$		_24	0	ව	0	0				
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Plume and 140°	Observers Pos	Itlons	,	28	0	0	٥	0				
Stack	XX			29	0	0	0	Ø				
Sun Loc	ation Line		<u></u>	30	0	۵	0	0			<u> </u>	
COMMENTS	<u>.</u>		OE	BSERVE	R'S NAI	VE (PRI	(TN	.()	'o -	_		
<u> </u>			OE	SERVE	R'S SIG	NATUR	E	15/6	<del></del>	DATI		
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TITLE '	DATE		CE	RTIFIE	D BY	100	idlesse	<u> </u>	\	DATI	=	

CONTINUED ON VEO FORM NUMBER

583-	-08-02		C	UNITAC	ED ON	VEO FO	RM NU	MBER			
SOURCE NAME: White Ro	ck Quarries,	, Inc.	7	OBSER Nov	RYATIO	N DATE 2008		START	TIME `ω	STOP TIE	ме ¦ 30 .
DDRESS: 5900 NW 12	2nd Ave.		1	SEC MIN	0	15	30	45		COMME	NTS
South Plant				1	0	D	0	G	_		
ıty: <b>Miami</b>	STATE: FL	ZIP: 33015	-	2	0	.0	0	Ò			
ITY: <b>Miami</b>	SIAIE: FL	ZIP: 330 15	,	3	0	O	6	Q			
HONE; 305-822-5322	SOURCE ID NUME	BER: 0251175	100	4	0	0	0	O			
ROCESS EQUIPMENT: NONE	OPERATING MOD	E: Normal	<b>-</b>   [	5	0	0	0	0			
C2 be / F.	OPERATING MOD	F	$\dashv$	6	0	0	0	9	<u> </u>		
	O LIVING MOD	-		7	0	0	0	0			
ESCRIBE EMISSION POINT	-STOR ) / /	2 1 1)	1	8	0	0	0	0			
TART A hom Stedman (	HEIGHT RELATIVE	TO OBSERVER	$\dashv$	9	0	0	0	٥			
TART LO STOP O	START 10	STOP /O		10	٥	0	0	O			
STANCE FROM OBSERVER TART 125 STOP 175.	START S	OBSERVER STOP	3	11	0	δ	0	0			
ESCRIBE EMISSIONS	STOR			12	0	0	0	6			
TART NONT MISSION COLOR	IPLUME TYPE:	CONTINUOUS	<b>-</b>   ′	13	0	0	0	0			
TART Mone STOP Mone		CONTINUOUS   FERMITTENT		14	0	O	0	٥			
VATER DROPLETS PRESENT:	IF WATER DROPLI	ET PLUME: DETACHED		15	0	0	0	٥			
OINT IN THE PLUME AT WHICH		RMINED	1	16	0	0	0	0			
	PPPCZ from	could.		17	0	0	0	0			
ESCRIBE BACKBROUND TART machinery	S <del>TOP</del>	•		18	0	Ò	8	0			
ACKGROUND COLOR	SKY CONDITIONS		,	19	0	0	٥	Ø			
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TART 5 STOP 5		STOP (		21	0	0	0	D			
MBIENT TEMP: TART 74 STOP 74	WET BULB TEMP	RH.percent		22	0	<b>Q</b>	ව	ъ			
	· · · · · · · · · · · · · · · · · · ·		$\dashv$	23	0	٥	0	δ			
<b>.</b> **	1	Draw North Arrow	1:	24	0	0	٥	C			
Hal F	X Enission Po	lnt.	];	25	0	থ	0	0			
X	JA EMISSION PO		1	26	Ф	0	O	0			
	12	7		27	9	0	Ø	0			
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Plume and 140° Stack	Observers Po	sitlons		29	જ	0	0	Q			
	otlen ine		1	30	0	O					

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COMMENTS		OBSERVER'S NAME (PRINT)	
		OBSERVERS SIGNATURE	DATE Nov. [ ) 2008
I HAVE RECEIVED A CO SIGNATURE	OPY OF THESE OPACITY OBSERVATIONS	ORGANIZATION KOOGLER AND ASSO	CIATES, INC.
TITLE	DATE	CERTIFIED BY Whitlow ETA	DATE / 2008

583-	-08-02	C	ONTINU						
SOURCE NAME: White Ro	ck Quarries, Inc.		1	RVATIO		ngare sacrass and	STAR	T TIME 2:00	STOP TIME
ADDRESS: 5900 NW 12	2nd Ave.		SEC MIN	0	15	30	45		COMMENTS
South Plant		٦	1	6	o	0	0		
erry: <b>Miami</b>	STATE: FL ZIP: 33015	$\dashv$	2	<u> </u>	5	G	σ		·
CITY: <b>IVIIAMI</b>			3	0	0	0	င		
PHONE: 305-822-5322	SOURCE ID NUMBER: 0251175		4	6	0	0	6		
ROCESS EQUIPMENT NONE	OPERATING MODE: Normal	<b>-</b>  }	5	G	6	0	0		
STEDMAN GUSHK	z-#Z	_	6	6	9	6	0		
CONTROL EQUIPMENT	OPERATING MODE		7	٥	0	0	٥		
ESCRIBE EMISSION POINT	STOP to Crushere from	1	8	6	6	6	6		
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10000	STOP	_  <i>:</i>	13	U.	6	0	σ		
MISSION COLOR START () ~~ STOP	PLUME TYPE: CONTINUOUS   FUGITIVE   INTERMITTENT	:	14	0	0	a	6		· · · ·
VATER DROPLETS PRESENT:	IF WATER DROPLET PLUME: ATTACHED □ DETACHED □		15	G	G	σ	٠		
POINT IN THE PLUME AT WHICH		-  *	16	0	0	u	0		<del></del>
	Stoper aren	1	17	0	0	٥	٥		
ESCRIBE BACKGROUND	STOP		18	٥	•	0	0		
ACKGROUND COLOR	SKY CONDITIONS	┥.	19	0	0	6	0		
START STOP	START O STOP	:	20	G	O.	0	0		
TART STOP	START W STOP		21	G	G	0	0		
MBIENT TEMP:	WET BULB TEMP RH.percent		22	0	Ó	G	0		
17	~ ?	$\dashv$	23	0	6	6	0		
· · · · · · · · · · · · · · · · · · ·	Draw North Arrow		24	0	6	0	a		
3	On The second		25		ن	0	0	<u> </u>	
Cy 5	Enlssion Point	4	<u> </u>	0	0	٥	- o		
	CB Screens	e, dy ana	26	0	9	٥	0		
sun-  Vind ->	stedman #2		27	0	0	٠	- O		
Plume and 140°	Observers Positions	1	28	-		0			
Stack	***	Topic with the state	29	<del> </del>	-				
Sun Loc	ation Line	1	3D		•	•	8		

OBSERVER'S SIGNATURE

CERTIFIED BY

ORGANIZATION KOOGLER AND ASSOCIATES, INC.

Whitlow ETA

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DATE

TITLE

DATE

Nov. 4 2008

DATE 7 / 2008

583	Ľ		ED ON	VEO FO	RM NU	NBER							
SOURCE NAME: White Rock Quarries, Inc.					OBSERVATION DATE Nov. 7 2008				TIME 00	T I	STOP TIME		
DDRESS: 5900 NW 12		SEC. MIN	0	15	30	45		COM	IMENTS				
South Plant	<u> </u>		<b>-</b>  :	1	6	6	٥	•				<u>.</u>	
TY: <b>Miami</b>	STATE: <b>FL</b>	ZIP: <b>33015</b>	-{}	2	6.	0		0					
	SOURCE ID NUME			3	0	0	•	0		· -			
HONE; 305-822-5322	SOURCE ID NOW	SER: 0251175	÷	4	6	0	σ	0					
ROCESSEQUIPMENT: NONE	E: Normal	1	5	0	0	0	•						
ONTROLEQUIPMENT	OPERATING MOD			-6	•	•	6	6					
Man	0.0		<b>_</b>  ,	7	•	0	•	0					
TART In Sold	D. P. to C	4 Belt wher	1	В	•	•	6	•				_	
EIGHT BOVE GROUND LEVEL	HEIGHT RELATIVI			9	-	0		•					
ISTANCE FROM OBSERVER	DIRECTION FROM		-	10	0		0	•		- <del></del>			
TART 160 STOP	START 45	STOP		11		0	•	6					
ESCRIBE EMISSIONS TART Dave	STOP ~		;	12	C	•	•	0			<del></del> -	-	
MISSION COLOR	PLUME TYPE: (FUGITIVE   IN	CONTINUOUS	1	13	•	•	-	c					
TART STOP STOP STOP STOP STOP STOP STOP STO	IF WATER DROPL		-  `	14	6	0	•	0			_		
ATER DROPLETS PRESENT: O 🔼 YES 🗆	ATTACHED	DETACHED 🗀		15	0	0	•	0			_		
OINT IN THE PLUME AT WHICH	OPACITY WAS DETE STOP	ERMINED	;	16	•	0	•	0			<del></del>		
ESCRIBE BACKGROUND				17	0	•	0	0					
TART TART TART ACKGROUND COLOR	STOP ~		4.	18	0	0	•	0					
TART STOP	START O.C.			19	0	0	0	С					
/IND SPEED TART	WIND DIRECTION START	STOP		20		0	^	•	-		_		
MBIENT TEMP:	WET BULB TEMP		$\dashv$	21	0	0	0	0					
TART 74 STOP	690	80%	_	22	•	0	•	0					
Hope of CI	LC2	Oraw North Arrow		23	•		•	•					
lla -	- W	O A		24	0	0	0	0					
C4 <sup>N</sup>	Enission Pa	nt )	1 2 2	25	0		0	0					
		Some		26	0	U	0	0					
Sún-∳- Vind->			1	27	_	٥	0	σ			•		
١,	ı İObservers Po		[ ; _	28	0	<u> </u>							

ORGANIZATION

CERTIFIED BY

DATE Nov:4

DATE 7/ 2008

KOOGLER AND ASSOCIATES, INC.

Whitlow ETA

2008

COMMENTS

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### **Table 1. Emission Points**



Table 1. Emission Points. White Rock Quarry, 5900 SW 122<sup>nd</sup> Avenue, Miami, Florida (WRQ South Aggregate Plant, Nov. 2008)

Table 1. Emission Points					gregate P				
<b>Emission Point</b>	Manufacturer	Date of	Model Number	Identifier &	(TDI:	Size	Subject to		
		Manufacture		Serial Number	(TPH, hp, kW, etc.)		40 CFR Part 60, Subpart		
				1				00	
							Yes	No	
Primary Crusher(s).	Pioneer	After 1983	FS6054	PRSVE101	800	TPH	×		
Secondary Crusher(s)	Stedman (1)	June 22 1982	GS 4860	95149	350	TPH		X	
	Stedman (2)		GS 4860ARX	89072	350			!	
Tertiary Crusher	N/A					TPH			
Grinding Mill(s)	N/A					TPH			
Bucket Elevator(s)	N/A					TPH			
Screening Operation(s)	Shaker Screen	Post 1983	(Pioneer)			FT <sup>2</sup>	×		
	Diester	Sept. 19, 2005	HM3716	040568	336	FT <sup>2</sup>			
	Diester	Jan. 26, 1998	HM4716	759898	448	$FT^2$			
Bagging Operation	N/A					TPH			
Storage Bin(s)	Hopper 2	Post 1983	N/A	N/A	N/A		X		
Enclosed Truck	N/A					TPH			
Crusher Engine	Caterpillar	2003	3412 BDT1057	31646012MP	750	HP		X	
Auxiliary Generator(s)	MAGNAMAX	2003	432RSL4009	W2367340100	172	KW		×	
Belt Conveyor(s)	Underbelt	Assumed all	(Pioneer)		36"- 80	0 TPH	X		
, , ,	Stacker Belt	installed after			36"- 80	O TPH			
	C-1	1983			35"- 900	O TPH		}	
	C-2				24"- 200				
	C-3				24"- 100				
	C-4				24"- 100				
	C-6 Stacker C-8 Stacker				24"- 120 24"- 55				
	C-9 Stacker				24"- 55				
				·	I				
					I				
	C-9 Stacker C-10 Stacker C-11 Stacker			•	24"- 50 24"- 50 24"- 50	ТРН			

The crusher engine, auxiliary generator, shaker screen, underbelt and stacker are all parts of the Pioneer crusher. This crusher was portable crusher now permanently installed and serving as a primary crusher.



NW 13th **GAINESVILLE, FL 32609-1923** 352/377-5822 • FAX/377-7158 November 26, 2008

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

nureau of Air Monitorine

**SUBJECT:** White Rock Quarries, Inc.

**Air General Permit Notification** Permit No. 0251175-002-AG

Dear Mr. Dibble:

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

### Please note:

- 1) In accordance with Rule 62-4.050, FAC, a \$100 processing fee for a general permit not requiring Professional Engineer certification is attached.
- 2) This Notification Form is being submitted in response to equipment changes at the reference facility.

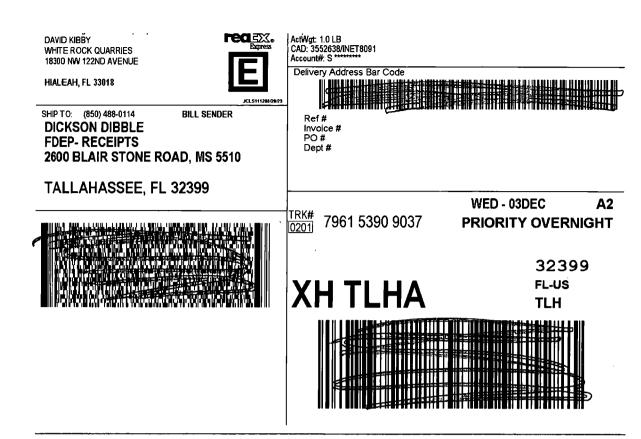
Please provide written confirmation of the coverage under the Air General Permit. If you have any questions regarding this matter, you may contact me at 352-377-5822.

Respectfully,

Koogler and Associates, Inc.

Neil A. Lofgren, P.E.

Enc.



#### After printing this label:

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- 2. Fold the printed page along the horizontal line.
- 3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

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### Florida Department of Environmental Protection Cash Receiving Application (CRA) Cashlisting by Deposit #: 291298 thru 291298 Printed: 12/5/2008 9:33:48 AM - Page 14

Cashlisting:

72484

Cashlist Area:

3755

Description: DIV OF AIR RESOURCES MGMT.

Deposit No:

291298

Date Deposited: 12/04/2008

Contact: E. WALKER

Object	Transmittal	Dep DDN	Receipt Number	Pre- Numbered Receipt_	Name	Check Number	Payment <u>Amount</u>	Reference Account	Payment <u>Number</u>	Remittance Number	<u>Fund</u>	Grant
002272	51781	489251	646199		INLAND MATERIALS, INC.	50954	\$100.00		913023	805935	PFTF	
	51787	)	646230		VECELLIO & GROGAN, INC	3062	\$100.00	0251175-00-6	913060	805966	PFTF	
	51790	,	646252		VCNA PRESTIGE GUNITE HOLDINGS,	27187	\$100.00	0251175-00-2 12/15/2008-NME	913105	806017	PFTF	
					Object Code 002272 Subtotal:		\$300.00					
002278	51780	489231	646174		CROSS REMEDIATION, INC.	16893	\$100.00	51339	912982	805910	APCTF	
					Object Code 002278 Subtotal:	\$100.00						
•					Cashlisting 72484 Total:		\$400.00					