

**CONCRETE BATCHING PLANTS
AIR GENERAL PERMIT EXAMPLE REGISTRATION WORKSHEET**

RECEIVED

OCT 17 2011

DIVISION OF AIR
RESOURCE MANAGEMENT

Facility Identification Number - If known (seven digit number)

0750026

0750026-004

Registration Type

Check one:

INITIAL REGISTRATION - Notification of intent to:

- Construct and operate a proposed new facility.
 Operate an existing permitted facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit). If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. (See "Surrender of Existing Air Operation Permit(s)" below.)
 Operates an existing facility not currently permitted or using an air general permit.

RE-REGISTRATION (for facilities currently using an air general permit) - Notification of intent to:

- Continue operating the facility after expiration of the current term of air general permit use.
 Continue operating the facility after a change of ownership.
 Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C.
 Any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only, if Applicable

All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s):

N/A

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)

Bell Concrete Products, Inc.

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a complete registration must be submitted for each.)

Chiefland Facility

Facility Location (Physical location of the facility, not necessarily the mailing address.)

Street Address: **12751 NW 60th Avenue**

City: **Chiefland**

County: **Levy**

Zip Code: **32626 - 8360**

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

N/A

Facility Contact

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title: **Mark H. Smith, Secretary, Treasurer, Operations Manager**

Facility Contact Telephone Numbers

Telephone: **352-463-6103**

Fax: **352-463-7807**

Cell phone: _____

E-mail: **bellconcretep14@bellsouth.net**

Facility Contact Mailing Address

Organization/Firm: **Bell Concrete Products, Inc.**

Mailing Address: **PO Box 7**

City: **Bell**

County: **Gilchrist**

Zip Code: **32619**

Other Contact/Representative (to serve as additional Department contact)

Name and Position Title

Print Name and Title: **Tammy L. Reed, Environmental Scientist.**

Other Contact/Representative Telephone Numbers

Telephone: **352-377-5822**

Fax: **352-377-7158**

Cell phone: _____

E-mail: **treed@kooglerassoicates.com**

Other Contact/Representative Mailing Address

Organization/Firm: **Koogler and Associates, Inc.**

Mailing Address: **4014 NW 13th Street**

City: **Gainesville**

County: **Alachua**

Zip Code: **32609**

Government Facility Code (check only one)

- Facility not owned or operated by a federal, state, or local government.
- Facility owned or operated by the federal government.
- Facility owned or operated by the state.
- Facility owned or operated by the county.
- Facility owned or operated by the municipality.
- Facility owned or operated by a water management district.

Type of Facility

Check one:
 Stationary Facility **Relocatable Facility**

Type(s) of Reasonable Precautions Used to Prevent Unconfined Emissions

Check all precautions to be used for the management of roads, parking areas, stock piles and yards:
 Pave Roads **Pave Parking Areas** **Pave Yards**
 Maintain Roads/Parking/Yards **Use Water Application*** **Use Dust Suppressant**
 Remove Particulate Matter **Reduce Stock Pile Height** **Install Wind Breaks**
**Water sprinklers on aggregate*

Check all precautions to be used for the management of drop points to trucks:
 Spray Bar **Chute** **Enclosure**
 Partial enclosure (V120-1000-15)

Equipment Details Provide information for each silo, weigh hopper (batcher), and other enclosed storage and conveying equipment that are limited to a visible emissions of 5 percent opacity pursuant to Rule 62-296.414(1), F.A.C.

PROCESS EQUIPMENT TYPE (silo, weigh hopper, batcher, etc.)	PROCESS EQUIPMENT IDENTIFICATION*	CONTROL DEVICE (baghouse, vent filter, etc.)	CONTROL DEVICE MANUFACTURER	CONTROL DEVICE MODEL NUMBER
Silo 1	Con-E-Co	Baghouse	Con-E-Co	30-250
Silo 2	Con-E-Co	Baghouse	Con-E-Co	30-250
Weigh Hopper	Con-E-Co	Baghouse	Con-E-Co	BV-14-23
Truck Collector	Con-E-Co	Baghouse	Con-E-Co	V120-1000-15

* If there are multiple pieces of the same types of process equipment (more than one silo, etc), provide an identifier (location, numeric designation, capacity or product) specific to each piece of equipment.

Description of Facility

Below, or as an attachment to this form, provide a description of the concrete batching plant 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 type of concrete product(s) manufactured, all air pollutant-emitting processes, and identify any air pollution control measures used. Mobile source equipment information is not needed (eg.: trucks, bulldozers, front-end loaders, etc.)

The Chiefland Concrete Batch Plant meets the requirements for eligibility for an air general permit under 62-210.310 Air General Permits. Specifications for listed equipment are attached. Visible emissions observations testing was conducted on September 2, 2011 and a copy of the results report is attached.

CON-E-CO[®]

An Oshkosh Corporation Company

SPECIFICATIONS FOR MODEL 14-23 CEMENT BATCHER VENT

MODEL 14-23 SPECIFICATIONS

TOTAL CLOTH AREA	23 SQ. FT.
NUMBER OF BAGS	14
HOUSING HEIGHT	1'-10"
HOUSING WIDTH & LENGTH	0'-10" X 2'-11"
BAG CLEANING METHOD	REVERSE AIR FLOW (From batcher filling and emptying)
MAXIMUM OPERATING TEMPERATURE	170 DEGREES F
CAPACITY	180 CFM MAXIMUM
DISCHARGE SHAPE	(2) 2" X 12" SLOTS
CFM/FT ² THROUGH BAGS	7.83 MAXIMUM
AIRSPEED OUT OF DEVICE	545 FT / MIN
DIRECTION OF AIR DISCHARGE	DOWN
DISCHARGE AREA	.33 FT ² (48 IN ²)
NORMAL OPERATING TEMP & PRESSURE	AMBIENT
OUTLET MOISTURE CONTENT	IDEALLY ZERO

BAG SPECIFICATIONS

BAG DIAMETER	4-1/2" DIA.
BAG LENGTH	16"
CONSTRUCTION	3 X 1 TWILL
FIBER	POLYESTER
FINISH	GREIGE
WEIGHT	7.1 OZ./SQ. YD.
THICKNESS	0.019"
MULLEN BURST	275 PSI (Min)
PERMEABILITY RANGE (0.5" WATER)	30-55 CFM/SQ. FT.
BAG EFFICIENCY	99.9% (*)

BATCHER VENT

LB / HR
GR / FT³

INTO BAGS

.00144 LB/YD³ * ___ YD³/HR
.648 GR HR/LB FT³ * ___ LB/HR

OUT OF BAGS

FOR ALL OUT OF BAGS VALUES, MULTIPLY THE INTO BAGS VALUES BY 0.001.

* BASED ON TESTS BY THE UNIVERSITY OF TENNESSEE.

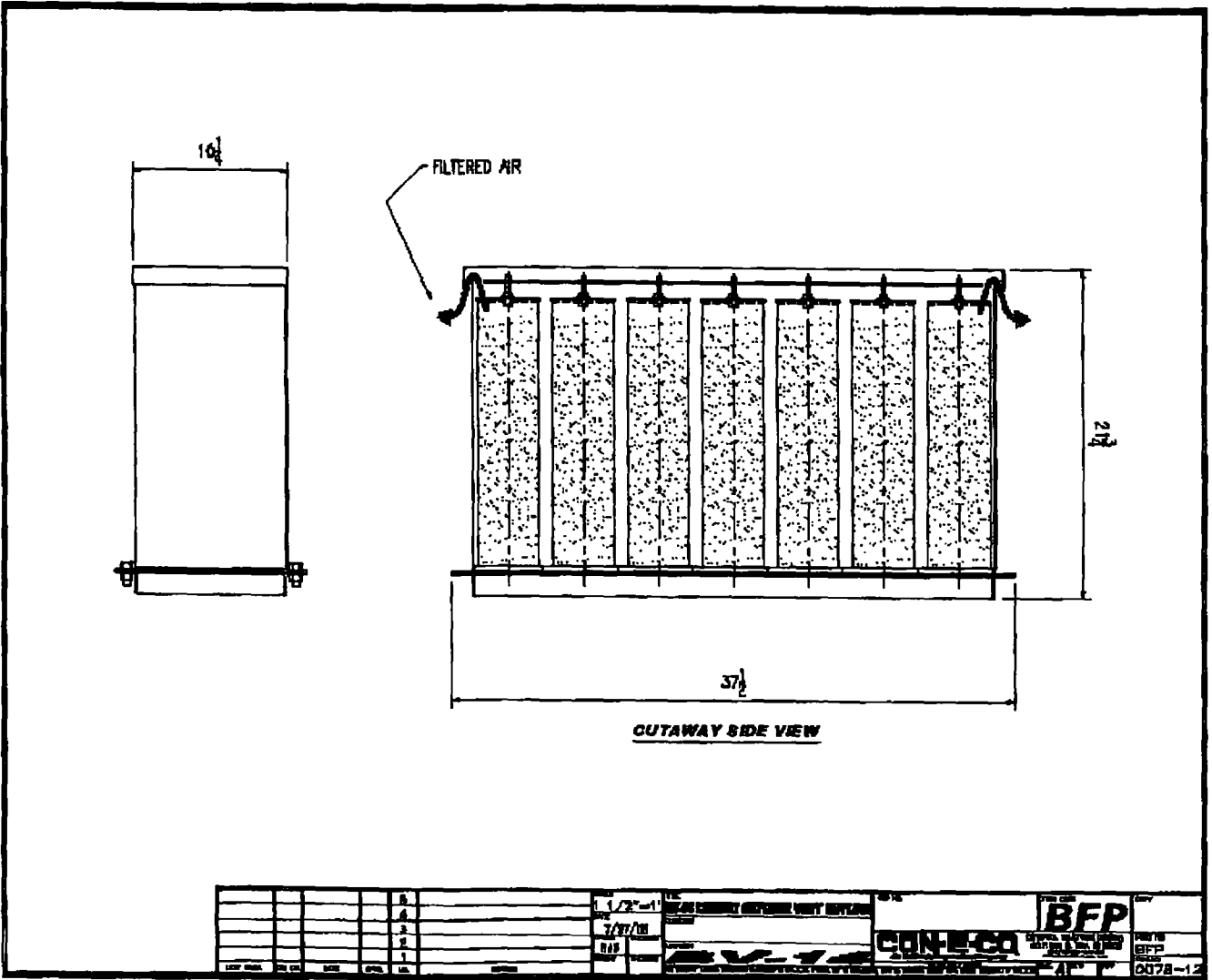


SOLID PRODUCTS. SOLID PERFORMANCE.

237 N. 13TH ST - PO Box 430 - Blair, NE 68008

Phone (402)-426-4181 Fax: (402)-426-4180 Engineering Fax: (402)-426-4190

E-MAIL: sales@con-e-co.com WEBSITE: www.con-e-co.com



REV	DATE	BY	CHKD	DESCRIPTION
1	1/27-1			REVISED TO SHOW NEW UNIT DESIGN
2	7/27/08			
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CONTECO







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SPECIFICATIONS FOR MODEL 30-250 SILO DUST CONTROL

MODEL 30-250 SPECIFICATIONS

TOTAL CLOTH AREA		250 SQ. FT.
NUMBER OF BAGS		30
HOUSING WIDTH & LENGTH		2'-7" X 3'-0"
CAPACITY FOR CEMENT		1500 SCFM (Recommended Maximum)
CAPACITY FOR FLYASH		1000 SCFM (Recommended Maximum)
BAG CLEANING METHOD		HIGH FREQUENCY AIR VIBRATOR
CLEANING INTERVAL		30 TONS OF MATERIAL (1 LOAD) OR EVERY 15 MIN FOR 3 MIN
MAXIMUM OPERATING TEMPERATURE		275 DEGREES F
CAPACITY FOR HYDRATED LIME		1000 SCFM (Recommended Maximum)
DISCHARGE SHAPE		(2) 2" X 36" SLOTS
NORMAL OPERATING TEMP & PRESSURE		AMBIENT
DISCHARGE AREA		1 FT ² (144 IN ²)
CFM/FT ² THROUGH BAGS	6-(CEMENT)	4-(FLYASH & HYDRATED LIME)
AIRSPED OUT OF DEVICE	1500 FT / MIN	(CEMENT) (@ 3 TRUCKS UNLOADING)
DIRECTION OF AIR DISCHARGE	DOWN	(W/O BLOWER)

BAG SPECIFICATIONS

BAG DIAMETER	5"
BAG LENGTH	77"
CONSTRUCTION	SEAMLESS
FIBER	WOVEN POLYESTER
FINISH	HEAT SET
WEIGHT	8.5 +/- 0.5 OZ./SQ. YD.
THICKNESS	0.022"
MULLEN BURST	275 PSI (Min)
PERMEABILITY RANGE (0.5" WATER)	30-55 CFM/SQ. FT.
BAG EFFICIENCY	99.9% (*)
NEBRASKA APPROVED SYSTEM EFFICIENCY	PM10 95% (**) PM 98% (**)

CEMENT SILO (*)**

LB / HR
GR / FT³

INTO BAGS

.177 LB/YD³* __ YD³/HR SUM OF ALL VENTS ***
.078 GR HR/LB FT³* __ LB/HR

FLYASH SILO (*)**

LB / HR
GR / FT³

INTO BAGS

.115 LB/YD³* __ YD³/HR SUM OF ALL VENTS ***
.117 GR HR/LB FT³* __ LB/HR

OUT OF BAGS

FOR VACUUM SYSTEMS OUT OF BAGS VALUES, MULTIPLY THE INTO BAGS VALUES BY .031.

FOR SEALED CEMENT SILOS, MULTIPLY THE INTO BAGS VALUES BY 0.001.

* BASED ON TESTS BY THE UNIVERSITY OF TENNESSEE.

** APPROVED WITHOUT INDIVIDUAL SITE STACK TESTS.

***VALUES ARE TOTALS FOR ALL CEMENT LOADING BAG COLLECTORS.

DIVIDE UP ACCORDINGLY.

SPECIFICATIONS FOR MODEL V120-1000-15 MIXER FILTER VENT

MODEL V120-1000 SPECIFICATIONS

TOTAL CLOTH AREA	1000 SQ. FT.
NUMBER OF BAGS	120
HOUSING HEIGHT (WITH BLOWER)	11'-6"
HOUSING WIDTH & LENGTH	6'-0" X 8'-0"
BAG CLEANING METHOD	HIGH FREQUENCY AIR VIBRATOR
MAXIMUM OPERATING TEMPERATURE	275 DEGREES F
BLOWER HORSEPOWER	15
BLOWER CAPACITY	9,000 CFM (@ 7.1" WATER)
AIR TO CLOTH RATIO = CFM/FT ² THROUGH BAGS	9.0 TO 1
DISCHARGE AREA	2.92 FT ² (419.77 IN ²)
AIRSPEED OUT OF DEVICE	3082 FT / MIN
DIRECTION OF AIR DISCHARGE	HORIZONTAL
DISCHARGE SHAPE	24 7/8" X 16 7/8" RECTANGLE
CLEANING SCHEDULE	EVERY 15 MIN FOR 3 MIN, EACH SIDE
NORMAL OPERATING TEMP & PRESSURE	AMBIENT

BAG SPECIFICATIONS

BAG DIAMETER	5"
BAG LENGTH	77"
CONSTRUCTION	SEAMLESS
FIBER	WOVEN POLYESTER
FINISH	HEAT SET
WEIGHT	10.5 OZ./SQ. YD.
THICKNESS	0.022"
MULLEN BURST	275 PSI (Min)
PERMEABILITY RANGE (0.5" WATER)	30-55 CFM/SQ. FT.
BAG EFFICIENCY	99.9% (*)
NEBRASKA APPROVED SYSTEM EFFICIENCY	PM10 95% (**) PM 98% (**)

TYPICAL MIXER SHROUD SPECIFICATIONS

SHROUD SIZE	6'-0" x 8'-0"
CURTAIN LENGTH	8'-0"
CAPTURE VELOCITY (with mixer truck in loading position)	205 FT/MIN
DUCT SIZE	(2) - 14" DIA.
DUCT VELOCITY	4900 FT/MIN

DISCHARGE INTO BAGS

CENTRAL MIX

LB / HR	.153 LB/YD ³ * <u> </u> YD ³ /HR
GR / FT ³	.013 GR HR/LB FT ³ * <u> </u> LB/HR

TRUCK MIX

LB / HR	.281 LB/YD ³ * <u> </u> YD ³ /HR
GR / FT ³	.013 GR HR/LB FT ³ * <u> </u> LB/HR

OUT OF BAGS

FOR ALL OUT OF BAGS VALUES, MULTIPLY THE INTO BAGS VALUES BY .001



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

471-11-03
October 11, 2011

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OCT 17 2011

DIVISION OF AIR
RESOURCE MANAGEMENT

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

**SUBJECT: Air General Permit Registration Renewal
Chiefland Concrete Batch Plant
Chiefland, Levy County, FL
Facility No. 0750026**

Dear Mr. Dibble:

This letter transmits the *Air General Permit Registration Worksheet* for the referenced equipment at the subject facility.

- 1) This Registration Worksheet is being submitted to renew the current air general permit registration which expires November 17, 2011.
- 2) The processing fee is attached; in accordance with Rule 62-4.050(4)(p)(2), FAC, the processing fee is **\$100** for a general permit not requiring Professional Engineer certification

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

Best regards,

Tammy L. Reed
Environmental Scientist

/tlr

Enclosure

Cc: Jack Smith – Bell Concrete Products, Inc.

RECEIVED

OCT 17 2011

DIVISION OF AIR
RESOURCE MANAGEMENT

**VISIBLE EMISSIONS
OBSERVATIONS REPORT**

Concrete Batch Plant

BELL CONCRETE PRODUCTS, INC.
Chiefland, Florida

Permit No. 0750026-003-AG

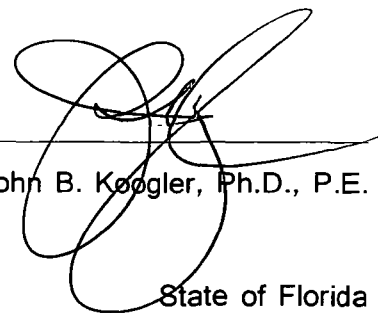
Test Date: September 2, 2011
Report Date: September 7, 2011

Koogler and Associates, Inc.
4014 N.W. 13th Street
Gainesville, FL 32609
(352) 377-5822

471-11-02



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.



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

State of Florida

License No. 12925

September 7, 2011

Date



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- C. Plant Operating Data
- D. Project Participants

1.0 INTRODUCTION

Bell Concrete Products, Inc. owns and operates a concrete batch plant located at Route 341 and 12751 NW 60th Avenue, Chiefland, Levy County, Florida. Emissions from the concrete batch plant cement silo, flyash silo, and concrete weigh hopper truck loadout are controlled by three MacNeilus Model SFV-170 baghouses. The plant operates under Air General Permit No. 0750026-003-AG.

On September 2, 2011 Koogler and Associates, Inc. of Gainesville, Florida, conducted visible emissions observations on the cement silo, flyash silo and weigh hopper truck load-out baghouse vents 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 of Permit No. 0750026-003-AG.

2.0 NOTIFICATION

Prior to the test date, the Northeast District office of the Florida Department of Environmental Protection in Jacksonville, Florida, was notified of the test schedule and testing methods.

3.0 METHODOLOGY AND RESULTS

Visible emissions observations were conducted on the cement silo and the flyash silo baghouses for 30-minute periods. During the observation periods, no visible emissions were observed. During the cement silo period of testing the loading rate

was 17.8 tons per hour and the line and tank pressures were between 8 and 10 pounds per square inch (psig). During the fly ash silo period of testing the loading rate was 19.35 tons per hour and the line and tank pressures were between 8 and 10 pounds per square inch (psig). The permit limits the opacity of emissions to five percent maximum six-minute average, and the minimum loading rate to 25 tons per hour, unless such rate is unachievable in practice.

Visible emissions observations were also conducted on the concrete truck loadout baghouse during the batching and loading at a rate equivalent to 109 cubic yards per hour. Testing on this emission point was conducted over a 60 minute period, with visible emissions observed during four truck loadouts totaling 28 minutes of loadout activity. The truck loadouts averaged 7 minutes each, representing the duration of batching and loading activity. During the test period, no visible emissions were observed.

4.0 CONCLUSION

Based on the data presented herein, it can be concluded that during the period of testing on September 2, 2011, the plant was operating in compliance with the emission limiting requirements set forth in Permit No. 0750026-003-AG. Table 1 presents a summary of the results of the visible emissions observations.

TABLE 1. VISIBLE EMISSION OBSERVATIONS

**BELL CONCRETE PRODUCTS, INC.
CHIEFLAND, FLORIDA
0750026-003-AG
9/2/2011**

EP	Source	Test Time		Load Rate	Opacity Limit (%)	Average Opacity (%) (1)
		Start (hh:mm)	Stop (hh:mm)			
1	Cement Silo Bashouse	8:11	8:41	17.8 tph	5	0
2	Fly Ash Silo Baghouse	8:11	8:41	19.35 tph	5	0
3	Concrete Truck Loadout	8:33	9:33	109 cu.yds./hr	5	0

Note: (1) Highest six-minute visible emissions opacity rolling average.



A. Calculations

B. Field Data Sheets

C. Plant Operating Data

D. Project Participants

A

P

P

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N

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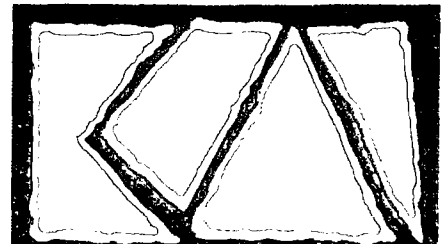
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KOGLER & ASSOCIATES, INC
ENVIRONMENTAL SERVICES

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

PLANT : Bell Concrete Products - Chiefland, Fl.
 SOURCE: Cement Silo
 DATE : September 2, 2011
 TIME START: 08:11
 TIME FINISH: 08:41

RESULTS:

AVERAGE OPACITY = 0.0 %
 MAXIMUM OPACITY = 0.0 %
 HIGHEST SIX-MINUTE ROLLING AVERAGE = 0.0 %

OBSERVATIONS:

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

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

PLANT : Bell Concrete Products - Chiefland, Fl.
 SOURCE: Cement Silo
 DATE : September 2, 2011
 TIME START: 08:11
 TIME FINISH: 08:41

CALCULATIONS:

	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

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

PLANT : Bell Concrete Products - Chiefland, Fl.
 SOURCE: Flyash Silo
 DATE : September 2, 2011
 TIME START: 08:11
 TIME FINISH: 08:41

RESULTS:

AVERAGE OPACITY = 0.0 %
 MAXIMUM OPACITY = 0.0 %
 HIGHEST SIX-MINUTE ROLLING AVERAGE = 0.0 %

OBSERVATIONS:

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				
30				

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

PLANT : Bell Concrete Products - Chiefland, Fl.
 SOURCE: Flyash Silo
 DATE : September 2, 2011
 TIME START: 08:11
 TIME FINISH: 08:41

CALCULATIONS:

	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

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

PLANT : Bell Concrete Products - Chiefland, Fl.
 SOURCE: Truck Loadout
 DATE : September 2, 2011
 TIME START: 08:33
 TIME FINISH: 09:33

RESULTS:

AVERAGE OPACITY = 0.0 %
 MAXIMUM OPACITY = 0.0 %
 HIGHEST SIX-MINUTE ROLLING AVERAGE = 0.0 %

OBSERVATIONS:

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

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

PLANT : Bell Concrete Products - Chiefland, Fl.
SOURCE: Truck Loadout
DATE : September 2, 2011
TIME START: 08:33
TIME FINISH: 09:33

CALCULATIONS:

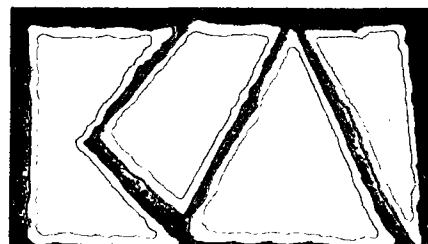
	SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS			
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	0.0
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0
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

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KOGLER & ASSOCIATES, INC.
ENVIRONMENTAL SERVICES

SOURCE NAME
Bell Concrete Products

ADDRESS
12751 N.W. 60th Avenue

CITY Cheifland **STATE** FL **ZIP** 32626

PHONE 463-6103 **SOURCE ID NUMBER** 0750026-003-A2

PROCESS EQUIPMENT Cement Silo **OPERATING MODE** 17.8 TPH

CONTROL EQUIPMENT Baghouse **OPERATING MODE** Normal

DESCRIBE EMISSION POINT
START Baghouse STOP Same

HEIGHT ABOVE GROUND LEVEL
START 55' STOP 55' **HEIGHT RELATIVE TO OBSERVER**
START 50' STOP 50'

DISTANCE FROM OBSERVER
START 125' STOP 125' **DIRECTION FROM OBSERVER**
START 312° STOP 312°

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 Baghouse STOP Same

DESCRIBE BACKGROUND
START Sky STOP Sky

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

WIND SPEED
START 0-1 STOP 0-1 **WIND DIRECTION**
START West STOP West

AMBIENT TEMP:
START 75 STOP 75 **WET BULB TEMP** 71 **RH. percent** 81

The diagram shows an 'Emission Point' marked with a circled 'X'. A line extends from it to 'Observers Positions'. A 'Sun Location Line' is drawn at a 140-degree angle from the observer line. A compass rose indicates 'Sun' and 'Wind' direction. Labels include 'Cement Silo', 'Baghouse', and 'Hoppers'.

OBSERVATION DATE		START TIME		STOP TIME	COMMENTS	
SEC	MIN	0	15	30		45
9-2-11	0811				0841	
1	00	00	00	00		Start pumping
2	00	00	00	00		0810
3	00	00	00	00		
4	00	00	00	00		
5	00	00	00	00		
6	00	00	00	00		
7	00	00	00	00		
8	00	00	00	00		
9	00	00	00	00		
10	00	00	00	00		
11	00	00	00	00		
12	00	00	00	00		
13	00	00	00	00		
14	00	00	00	00		
15	00	00	00	00		
16	00	00	00	00		
17	00	00	00	00		
18	00	00	00	00		
19	00	00	00	00		
20	00	00	00	00		
21	00	00	00	00		
22	00	00	00	00		
23	00	00	00	00		
24	00	00	00	00		
25	00	00	00	00		
26	00	00	00	00		
27	00	00	00	00		
28	00	00	00	00		
29	00	00	00	00		End Pumping
30	00	00	00	00		0941

COMMENTS
8-10 P.I. Line & Tank

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS
SIGNATURE

TITLE **DATE**

OBSERVER'S NAME (PRINT)
Rodney PAUL

OBSERVER'S SIGNATURE
Rodney Paul

DATE
9-2-11

ORGANIZATION KOGLER AND ASSOCIATES, INC.

CERTIFIED BY Whitlow **DATE** 7-13-11



SOURCE NAME *Bell Concrete Products*

ADDRESS *12751 N.W. 60th Avenue*

CITY *Chiefland* **STATE** *FL* **ZIP** *32626*

PHONE *463-6103* **SOURCE ID NUMBER** *0750026-003 AD*

PROCESS EQUIPMENT *Flyash Silo* **OPERATING MODE** *19.35 TPH*

CONTROL EQUIPMENT *Bachouse* **OPERATING MODE** *Normal*

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

HEIGHT ABOVE GROUND LEVEL
START *35'* **STOP** *35'* **HEIGHT RELATIVE TO OBSERVER**
START *30'* **STOP** *30'*

DISTANCE FROM OBSERVER
START *125'* **STOP** *125'* **DIRECTION FROM OBSERVER**
START *320°* **STOP** *320°*

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 *Bachouse area* **STOP** *same*

DESCRIBE BACKGROUND
START *sky* **STOP** *sky*

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

WIND SPEED
START *0-1* **STOP** *0-1* **WIND DIRECTION**
START *Vary* **STOP** *Vary*

AMBIENT TEMP:
START *75* **STOP** *75* **WET BULB TEMP** *71* **RH. percent** *81*

Diagram:
 Draw North Arrow
 Sun Location
 Wind
 Plume and Stack
 Observers Positions
 Emission Point

OBSERVATION DATE		START TIME		STOP TIME	COMMENTS
SEC	MIN	0	15	30	
9	2	11	08	11	0841
1	0	0	0	0	Start pumping
2	0	0	0	0	0809
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	End pumping
30	0	0	0	0	0911

COMMENTS *8-10 PSI Line & Tank*

OBSERVER'S NAME (PRINT) *Rodney PAUL*

OBSERVER'S SIGNATURE *Rodney Paul* **DATE** *9-2-11*

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE

ORGANIZATION *KOUGLER AND ASSOCIATES, INC.*

TITLE *Whitlow* **DATE** *7-13-11*



SOURCE NAME
Bell Concrete Products

ADDRESS
12751 N.W. 60th Avenue

CITY Cheifland **STATE** FL **ZIP** 32626

PHONE 463-6103 **SOURCE ID NUMBER** 0750026-003-AD

PROCESS EQUIPMENT Load Out **OPERATING MODE** 1091 CUMHr

CONTROL EQUIPMENT Baghouse **OPERATING MODE** Normal

DESCRIBE EMISSION POINT
START Baghouse area STOP same

HEIGHT ABOVE GROUND LEVEL
START 30' STOP 30' **HEIGHT RELATIVE TO OBSERVER**
START 25' STOP 25'

DISTANCE FROM OBSERVER
START 125' STOP 125' **DIRECTION FROM OBSERVER**
START 310' STOP 310'

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 Baghouse area STOP same

DESCRIBE BACKGROUND
START Sky STOP Sky

BACKGROUND COLOR
START Blue STOP Blue

SKY CONDITIONS
START Clear STOP Clear

WIND SPEED
START 0-1 STOP 0-1 **WIND DIRECTION**
START Var STOP Var

AMBIENT TEMP: START 75 STOP 75 **WET BULB TEMP** 71 **RH, percent** 81

SEC MIN	OBSERVATION DATE				START TIME	STOP TIME	COMMENTS
	0	15	30	45	0833	0933	
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			↓ 0839
7	0	0	0	0			↑ 0853
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			↓ 0902
16	0	0	0	0			↑ 0916
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			↓ 0923
23	0	0	0	0			↑ 0927
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			↓ 0933
29							
30							

COMMENTS
5-6 min to load each truck

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SIGNATURE

TITLE DATE

OBSERVER'S NAME (PRINT)
Rodney PAUL

OBSERVER'S SIGNATURE
Rodney Paul

DATE
9-2-11

ORGANIZATION KOGLER AND ASSOCIATES, INC.

CERTIFIED BY
Whitlow

DATE
7-13-11



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Sign: _____

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Process Weight Rates For Visible Emissions

Company: Bell Concrete Products

Location: Chiefland, Florida

Date: 9-2-11

Permit No.: 0750026-003-AG

SOURCE ID	TIME		PRODUCTION RATE	
	Start	End	Permitted	Actual
Cement Silo	0811	0841	N/A	17.8TPH
Flyash Silo	0811	0841	N/A	19.35TPH
Truck Load out	0833	0933	N/A	109CUYD/hr

To the best of my knowledge, the above data is true and correct.

Jack H. Smith
Authorized Signature
Jack H. Smith
Printed Name
V President
Title

WARNING!
 Portland cement, Cemplus Slag and lime are injurious to eyes and cause skin irritation. Avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. In case of eye contact flush with plenty of water for at least fifteen minutes. Consult a physician immediately. Keep out of reach of children.

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading



Suwannee American Cement Company • 5117 U.S. Hwy. 27, Branford, Florida, USA

the property described below, in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination, if on its route, otherwise to delivery to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all of any said property over all or any portion or said route to destination, and as to each party at any time interested in all or any of said property that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) Uniform Freight Classification in effect on the date hereof, if this is a rail or rail water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This shipment is correctly described. Subject to verification by the EASTERN OR SOUTHERN WEIGHING & INSPECTION BUREAU according to agreement. **Suwannee American Cement** Shipper. This is the property of the shipper, and no reconsignment or Diversion is to be made unless authorized by consignior.

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight.
 NOTE: Where the rate is dependent on value, the shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically by the shipper to be not.

Subject to Section 7 of conditions of applicable bill of lading, if the shipment is to be delivered to the consignee without recourse on the consignior, the consignior shall sign the following statement.
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

If charges are to be prepaid, write or stamp here. "To be Prepaid." TO BE PREPAID

Suwannee American Cement
 Per _____
 (SIGNATURE OF CONSIGNOR)

Received \$ _____
 to apply in prepayment of the charges on the property described hereon.
 Agent or Cashier

Per _____
 (The signature here acknowledges only the amount prepaid)

CONSIGNEE TO/DESTINATION	SHIPPING PLANT AND DATE	CARRIER ROUTE	WEIGHT
1204133 5006602 BELL CONCRETE (TYPE I) - CHIEFLAND GROUP, INC 12751 N.W. 50TH AVENUE CHIEFLAND FL 32606	1047465 CIF41 09/02/2011 4607 A MATERIALS 09/02/2011 546 06:52	25119869	GROSS 39.750 TARE 12.750 NET 27.000

COMMENTS / SPECIAL INSTRUCTIONS	WEIGHED BY	DATE
A MATERIALS BELL 101445	CSCALESUW1	
	CHECKED BY/FOREMAN	TIME

CUSTOMER ORDER NO.	DELIVERY DATE & TIME	BILL OF LADING NO.	SEALS	CAR INITIALS/TRUCK NO.	FROM SILC
	09/02/2011	8025579126		7180/7356	2

PRODUCT CODE	QUANTITY WEIGHT	NO. PKGS.	COMMODITY	RATE	FREIGHT
4254033	54,000.00		27.00 Type I / II Portland - Bulk AASHTC		

THIS PRODUCT MEETS ASTM C 150 AND AASHTO M65 SPECIFICATIONS. MAY CONTAIN UP TO 5% LIMESTONE ADDITION

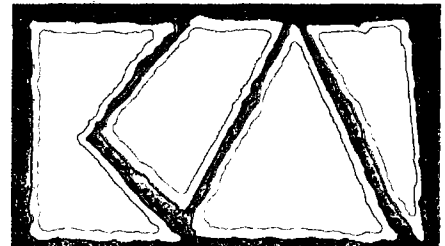
Check Davis / CKR

Suwannee American Cement Shipper. Per <i>[Signature]</i>	CUSTOMER REMARKS	
	RECEIVED AT DESTINATION - CUSTOMER / AGENT SIGNATURE	DATE
FORM NO. FL- 204154	ARRIVAL TIME	Agent _____
	DEPARTURE TIME	Per _____

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KOGLER & ASSOCIATES, INC.
ENVIRONMENTAL SERVICES

PROJECT PARTICIPANTS

Koogler and Associates, Inc.

John B. Koogler, Ph.D., P.E. Project Advisor
Tammy Reed Project Manager/Environmental Scientist
Rodney C. Paul Sr. Field Technician

Bell Concrete Products, Inc.

Jack Smith President





Whitlow Enterprises, LLC

www.smokeschool.net

Certifies that

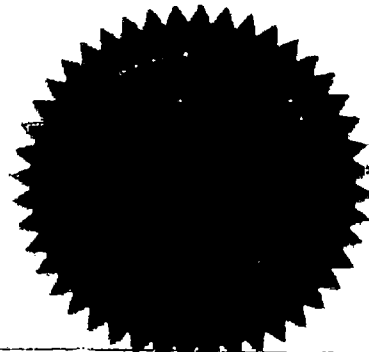
Rodney Paul of Koogler & Associates, Inc.

**Has passed the certification test required by EPA Method 9
40 CFR 60 Appendix A and is qualified as a visible emissions evaluator.**

Certification Date: 7/13/2011 Location: Keystone Heights, FL

George Whitlow

President

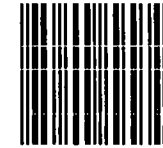


KHFL071311-10

Bell Concrete Products, Inc.
P.O. Box 7
Bell, FL 32619



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U.S. POSTAGE
PAID
BELL, FL
32619
OCT 13, 11
AMOUNT

\$7.43
00011849-01

Mr. Dickson Dibble
FL Dept. of Environmental Protection Receipts
P O Box 3070
Tallahassee, Florida 32315-3070

7010 1060 0001 6137 1181

