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CONCRETE BATCHING PLANT
AIR GENERAL PERMIT REGISTRATION FORM

MAY 17 2011

Bureau of Air Monitoring & Mobile Sources

Part II. Notification to Permitting Office

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

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

0550021-004

Registration Type

Check one:

INITIAL REGISTRATION - Notification of intent to:

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

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

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

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

If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. In such case, check the first box, and indicate the operation permits being surrendered. If no air operation permits are held by the facility, check the second box.

- ☐ All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s):
  0550021-003-Ag
- ☐ No air operation permits currently exist for this facility.

General Facility Information

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

Frederic W. Jahna, Jr / Jahna Concrete, 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 registration form must be completed for each.)

Spring Lakes

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

Street Address:200 Jahna Cricle

City:Sebring County:Highlands Zip Code:33876

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

August 19, 1982

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D.E.P. South District

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: Frederic W. Jahna, Jr President

Owner/Authorized Representative Mailing Address
Organization/Firm: Jahna Concrete, Inc
Street Address: 104 South Railroad Ave.
City: Avon Park County: Highlands Zip Code: 33825

Owner/Authorized Representative Telephone Numbers
Telephone: 863-453-4353 Fax: 863-453-~~5155~~ 5156
Cell phone (optional): 863-449-1969

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:

Facility Contact Mailing Address
Organization/Firm:
Street Address:
City: County: Zip Code:

Facility Contact Telephone Numbers
Telephone: 863-655-5544 Fax: 863-655-5544
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.

Frederic W. Jahna Jr
Signature

5/9/2011
Date

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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**

Check all precautions to be used for the management of drop points to trucks:

☒ **Spray Bar**	☐ **Chute**	☐ **Enclosure**
	☒ **Partial enclosure**	

Description of Reasonable Precautions

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

The Yard and Parking areas are partially paved and are maintained to minimize and manage dust emissions. All mixer trucks are washed to avoid dust form leaving the site.

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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 all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used.

The facility consists of a batch plant office, aggregate & block storage areas, batch plant and the associated aggregate handling facilities. The facility consists of the following emission units as well as aggregate handling facilities: (Note the dust collector (DC) information is included as Make / Model / Serial)

Ready Mix Facility

EU 1 - Cement Silo Besser-APPCO Model 510 CP 478/574 bbl & Dust Collector, Columbus Bin Company model DCS-250 (Existing)

EU 2 - Weight Batcher Dust Collector, Columbia Stephens model AV-20 (Existing)

EU 3 - Slag Cement Silo Shephens 540 bbl & Dust Collector, Columbus Bin Company model DCS-250 (Existing)

Using same Weight Batcher with Screw from Silo.

Overfill Protection System on Cement Silo & Slag Cement Silo

Arlington Environmental Services, Inc.

"Specializing in Visible Emission and Stack Testing"

May 20, 2010

ELECTRONIC CORRESPONDENCE

Mr. Sherrill Culliver
Florida Department of
Environmental Protection
South District Air Section
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33902

Re: Jahna Concrete, Spring Lake
AIRS ID: 0550021

Dear Mr. Culliver:

On May 03, 2010, EPA Method 9, Visible Emission Testing was conducted at Jahna Concrete, Spring Lake, ID 0550021 located at 400 Jahna Circle in Sebring, Florida.

The tests were performed in order to comply with the requirements as specified in the Air General Permit Registration Form.

The tests were conducted by Matthew Welborn, a certified Visible Emission Evaluator. A copy of the certification is attached.

The following emission points were tested:

- EU003 Baghouse on West silo
- EU001 Baghouse on East silo
- EU002 Vent on weigh hopper dust collector

To the best of my knowledge, this completes all of the required annual tests. If, for any reason, this is incorrect, please contact me as soon as possible.

Sincerely,

Debra M. Carter

Debra Carter

/dc

Electronic Copy to: Freddie Jahna, Jahna Concrete

Post Office Box 657 ~ Okeechobee, Florida 34973
Telephone (863) 467-0555 ~ Facsimile (863) 357-0810
Email info@arlingtonenvironmental.com ~ Website www.arlingtonenvironmental.com

Arlington Environmental Services, Inc.

(863) 467-0555

VISIBLE EMISSION TEST

Method Used (Circle One) Method 9 203A 203B Report 3091-V-1

Company Name: Jahna Concrete

Facility Name: Spring Lake AIRS 0550021

Street Address: 400 Jahna Circle

City: Spring Lake Zip:

Phone No: (863) 655-0025

Process: Unload Slag Unit # EU-3 Operating Mode ~3/TPH

Control Equipment: Bag House Operating Mode ~10 PSI/G

Describe Emission Point: B/H on west silo

Ht of Emis. Point: ~70' Ht Rel to Observer: ~70'

Distance to Emis. Pt.: ~210' Direction to Emis. Pt (Degrees): 300°

Vertical Angle to Obs: 17° Direction to Obs. Pt. (Degrees): Same

Distance and Direction to Obs. Pt from Emission Pt: Same

Describe Emissions: none

Emission Color: none Water Droplet Plume: Attached / Detached / None

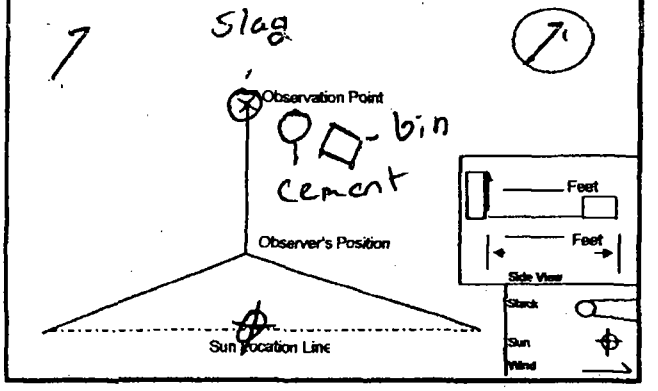
Describe Plume Background: Sky

Background Color: White/Blue Sky Conditions: Scattered

Wind Speed: 2-3 mph Wind Direction: S

Ambient Temp.: 92° Wet Bulb Temp.: — % RH: —

Source Layout Sketch — Draw North Arrow: ☐ IN ☒ MN



Latitude	Longitude	Declination

Comments: 26.28 tons of slag

3 Pads / 30 min

Observation Date: 5/3/10 Start Time: 11:15 Stop Time: 12:04

Min / Sec	0	15	30	45	Min / Sec	0	15	30	45
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	0	40	0	0	0	0
11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0
13	0	0	0	0	43	0	0	0	0
14	0	0	0	0	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
16	0	0	0	0	46	0	0		
17	0	0	0	0	47				0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
20	0	0	0	0	50	finish			
21	0	0	0	0	51				
22	0	0	0	0	52				
23	0	0	0	0	53				
24	0	0	0	0	54				
25	0	0	0	0	55				
26	0	0	0	0	56				
27	0	0	0	0	57				
28	0	0	0	0	58				
29	0	0	0	0	59				
30	0	0	0	0	60				

- checked truck

Number of Readings Above 0 were 0

Range of opacity Readings Min 0 / Max 0

Average Opacity for Highest 6 Min Period: 0

Average Opacity for 2nd Highest 6 Min: —

Observers Name (Print): Matthew Welborn

Observers Signature: [signature] Date: 5/3/10

Organization: Arlington Environmental Services, Inc.

Certified By: Eastern Technical Assoc. Date: 1/6/10

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Arlington Environmental Services, Inc.

(863) 467-0555

VISIBLE EMISSION TEST

Method Used (Circle One): Method 9 | 203A | 203B | Report 3091-U-2

Company Name: Jahna Concrete

Facility Name: Spring Lake | AIRS: 0550021

Street Address: 400 Jahna Circle

City: Spring Lake | Zip:

Phone No: (863) 655-0025

Process: Unload cement | Unit #: EU-1 | Operating Mode: ~31 TPH

Control Equipment: Bag House | Operating Mode: ~10 psi/G

Describe Emission Point: B/H on East silo

Ht of Emis. Point: ~70' | Ht Rel to Observer: ~70'

Distance to Emis. Pt: ~210' | Direction to Emis. Pt (Degrees): 338°

Vertical Angle to Obs: 17° | Direction to Obs. Pt. (Degrees): Same

Distance and Direction to Obs. Pt from Emission Pt: Same

Describe Emissions: none

Emission Color: none | Water Droplet Plume: Attached ___ Detached ___ None X

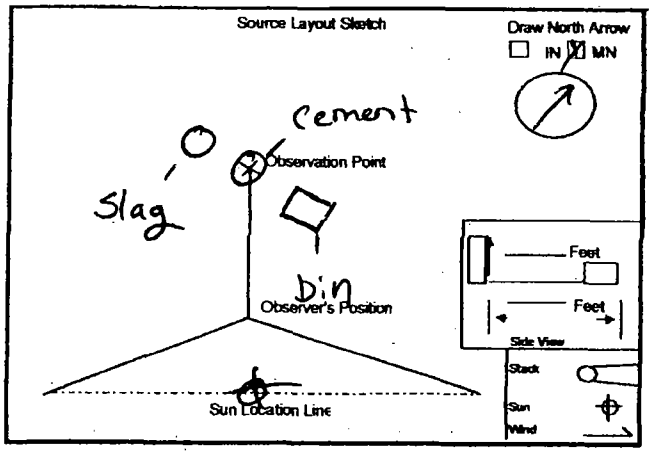
Describe Plume Background: Sky

Background Color: white/blue | Sky Conditions: Scattered

Wind Speed: 2-3 mph | Wind Direction: S

Ambient Temp.: 92° | Wet Bulb Temp: ___ | % RH: ___

Source Layout Sketch



Latitude	Longitude	Declination

Comments: 26.33 tons of cement

3 rods / 50 min

Observation Date: 5/3/10 | Start Time: 11:15 | Stop Time: 11:54

Min / Sec	0	15	30	45	Min / Sec	0	15	30	45
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	0	40	0	0	0	0
11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0
13	0	0	0	0	43	0	0	0	0
14	0	0	0	0	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
16	0	0	0	0	46	0	Checked		
17	0	0	0	0	47	truck			0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
20	0	0	0	0	50	finish			
21	0	0	0	0	51				
22	0	0	0	0	52				
23	0	0	0	0	53				
24	0	0	0	0	54				
25	0	0	0	0	55				
26	0	0	0	0	56				
27	0	0	0	0	57				
28	0	0	0	0	58				
29	0	0	0	0	59				
30	0	0	0	0	60				

Number of Readings Above 0 were 0

Range of opacity Readings Min 0% Max 0%

Average Opacity for Highest 6 Min Period 0%

Average Opacity for 2nd Highest 6 Min ___

Observers Name (Print): Matthew Welborn

Observers Signature: Matthew Welborn | Date: 5/3/10

Organization: Arlington Environmental Services, Inc.

Certified By: Eastern Technical Assoc. | Date: 1/6/10

Arlington Environmental Services, Inc.

(863) 467-0555

VISIBLE EMISSION TEST

Method Used (Circle One): Method 9 | 203A | 203B | Report 3091-U-3

Company Name	Jahna Concrete
Facility Name	Spring lake — AIRS 0550021
Street Address	400 Jahna Circle
City	Spring lake — Zip
Phone No.	(863) 655-0025

Process	Mixer batching	Unit # EU-2	Operating Mode normal
Control Equipment	W/H D/C		Operating Mode normal

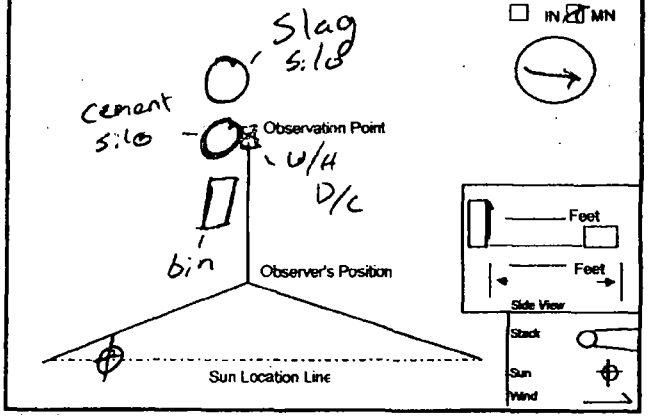
Describe Emission Point	Vent on W/H D/C
Ht of Emis.Point ~20'	Ht Rel to Observer ~20'
Distance to Emis. Pt. ~50'	Direction to Emis. Pt (Degrees) 260

Vertical Angle to Obs 20°	Direction to Obs. Pt. (Degrees) Same
Distance and Direction to Obs. Pt from Emission Pt	Same

Describe Emissions	none
Emission Color none	Water Droplet Plume Attached Detached None X

Describe Plume Background	Silo	
Background Color white	Sky Conditions Broken	
Wind Speed 3-4 mph	Wind Direction Variable	
Ambient Temp. 85°	Wet Bulb Temp. ___	% RH ___

Source Layout Sketch — Draw North Arrow: ☐ IN ☒ MN



Latitude	Longitude	Declination

Comments:

Observation Date 5/3/10 — Start Time 11:00 — Stop Time 11:06

Min / Sec	0	15	30	45	Min / Sec	0	15	30	45
1	0	0	0	0	31				
2	0	0	0	0	32				
3	0	0	0	0	33				
4	0	0	0	0	34				
5	0	0	0	0	35				
6	0	0	0	0	36				
7	finish				37				
8					38				
9					39				
10					40				
11					41				
12					42				
13					43				
14					44				
15					45				
16					46				
17					47				
18					48				
19					49				
20					50				
21					51				
22					52				
23					53				
24					54				
25					55				
26					56				
27					57				
28					58				
29					59				
30					60				

Number of Readings Above 0 were 0 — Average Opacity for Highest 6 Min Period 0%

Range of opacity Readings Min 0% Max 0% — Average Opacity for 2nd Highest 6 Min ___

Observers Name (Print): Matthew Welborn

Observers Signature: [signature] — Date 5/3/10

Organization: Arlington Environmental Services, Inc.

Certified By: Eastern Technical Assoc. — Date 1/6/10

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VISIBLE EMISSIONS EVALUATOR

This is to certify that

MATT WELBORN

met the specifications of Federal Reference Method 9 and qualifies 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, NC. This certificate is valid for six months from date of issue.

380554
CERT NUMBER

1/6/2010
DATE OF SCHOOL

WEST PALM BEACH, FL
SCHOOL LOCATION

7/8/2010
CERTIFICATION EXP DATE

WEL400244
STUDENT ID NUMBER

Michael W. Longford
MANAGER OF TRAINING SERVICES

EASTERN TECHNICAL ASSOCIATES

MATT WELBORN

WEL400244 STUDENT ID NUMBER

met the specifications of Federal Reference Method 9 and qualifies 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, NC. This certificate is valid for six months from date of issue and expires on the date below.

WEST PALM BEACH, FL	1/6/2010	380554
SCHOOL LOCATION	DATE OF SCHOOL	CERT NUMBER
WPBF09	7/8/2010	
LAST LECTURE	CERTIFICATION EXP DATE	BEARER

Customer Support
Debbie or Sheila
919-878-3188
www.eta-is-opacity.com

★ JAHNA ★

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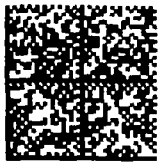
D.E.P. South District

Dept. of Environmental Protection
Air Resources Management
P. O. Box 2549
Fort Myers, Fl 33902-2549

339028549 8021

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTH DISTRICT
P.O. BOX 2549
FORT MYERS, FLORIDA 33902-2549



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