

F&A RECEIPT # 526103  
SEP 28 2011

CONCRETE BATCHING PLANTS  
AIR GENERAL PERMIT EXAMPLE REGISTRATION WORKSHEET

RECEIVED

SEP 30 2011

DIVISION OF AIR  
RESOURCE MANAGEMENT

Facility Identification Number - If known (seven digit number)

7774803 \_\_\_\_\_  
**7774803-004**

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 Existing

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.)  
Fort Walton Concrete, Inc.

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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.)  
Valparaiso Concrete Batch Plant

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Facility Location (Physical location of the facility, not necessarily the mailing address.)  
Street Address: 500 Valastics Avenue  
City: Valparaiso, FL County: Okaloosa Zip Code: 32580-1146

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

**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: Zachary Sims – Plant Manager

Facility Contact Telephone Numbers

Telephone: (850) 243-8114

Fax: (850) 243-1958

Cell phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Facility Contact Mailing Address

Organization/Firm: Fort Walton Concrete, Inc.

Mailing Address: PO Box 655

City: Ft Walton Beach, FL

County: Okaloosa

Zip Code: 32549-0655

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

Name and Position Title

Print Name and Title: John Thompson – Credit/Office Manager

Other Contact/Representative Telephone Numbers

Telephone: (850) 243-8114

Fax: (850) 243-1958

Cell phone: \_\_\_\_\_

E-mail: fwc.office@yahoo.com

Other Contact/Representative Mailing Address

Organization/Firm: Fort Walton Concrete, Inc.

Mailing Address: PO Box 655

City: Ft Walton Beach, FL

County: Okaloosa

Zip Code: 32549-0655

**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

**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
Aggregate Batcher	n/a only one at facility	Baghouse	Ross	4436
Cement Hopper	n/a only one at facility	Baghouse	Ross	4331

SEE ATTACHED COVER LETTER FOR ACCURATE PROCESS EQUIPMENT

\*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.)

See attached narrative.

TYPE: D

### **Helpful Definitions.**

**“Emissions Unit”** - Any part or activity of a facility that emits or has the potential to emit any air pollutant.

**“Facility”** - All of the emissions units which are located on one or more contiguous or adjacent properties, and which are under the control of the same person (or persons under common control).

**“Owner” or “Operator”** - Any person or entity who or which owns, leases, operates, controls or supervises an emissions unit or facility.

**“Relocatable Facility”** - A facility such as, but not limited to, an asphalt plant, portable power generator, or concrete batch plant, which is designed to be physically moved to, and operated on, different sites by being wholly or partially dismantled and re-erected in essentially the same configuration. It shall not be operable while in transit.

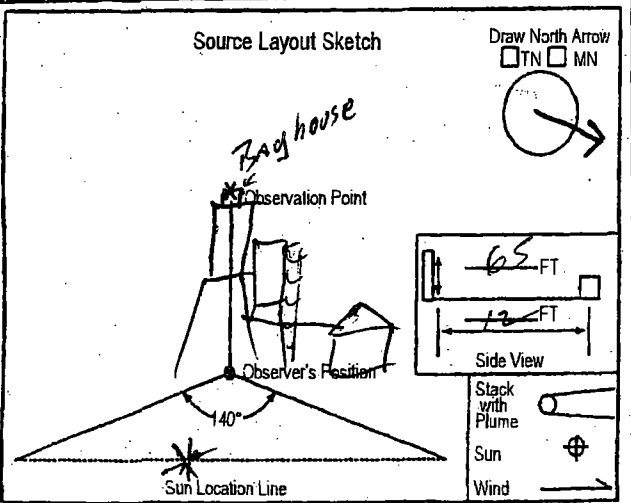
**“Unconfined Emissions”** - Emissions which escape and become airborne from unenclosed operations or which are emitted into the atmosphere without being conducted through a stack.

**EPA METHOD 9 (40 CFR 60 - Appendix A)  
VISIBLE EMISSION OBSERVATION FORM**

COMPANY NAME <i>Fort Walton Concrete</i>		
LOCATION <i>ValParaiso</i>		
LOCATION <i>500 Valastics</i>		
CITY <i>ValParaiso</i>	STATE <i>FL</i>	ZIP <i>32580</i>
PROCESS EQUIPMENT <i>Concrete Batch Plant</i>		OPERATING MODE <i>Pneumatic</i>
CONTROL EQUIPMENT <i>Cement Bag house</i>		OPERATING MODE <i>10 psi</i>
DESCRIBE EMISSION POINT <i>top of 210 Southern Bag house vent pipe</i>		
HEIGHT OF EMISSION POINT <i>65</i>		HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER START <i>65</i> END <i>65</i>
DISTANCE TO EMISSION POINT START <i>68</i> END <i>68</i>		DIRECTION TO EMISSION PT. (DEGREES 0-360)) START <i>250</i> END <i>250</i>
VERTICAL ANGLE TO OBSERVATION POINT START <i>13°</i> END <i>13°</i>		DIRECTION TO OBSERVATION POINT (DEGREES 0-360)) START <i>70</i> END <i>70</i>
DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT START <i>68y @ 70</i> END <i>68y @ 70</i>		
DESCRIBE EMISSIONS START <i>None</i> END <i>None</i>		
EMISSION COLOR START <input checked="" type="checkbox"/> END <input checked="" type="checkbox"/>		WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/> NONE <input checked="" type="checkbox"/>
DESCRIBE PLUME BACKGROUND START <i>sky</i> END <i>sky</i>		
BACKGROUND COLOR START <i>Blue</i> END <i>Blue</i>		SKY CONDITIONS START <i>Clear</i> END <i>Clear</i>
WIND SPEED START <i>13</i> END <i>12</i>		WIND DIRECTION START <i>SSW</i> END <i>160</i>
AMBIENT TEMP START <i>77</i> END <i>77</i>		WET BULB TEMP RH percent <i>79.2 94</i>

OBSERVATION DATE <i>10-26-2010</i>	START TIME <i>7:25 am</i>	END TIME <i>7:55 am</i>
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MIN	SEC				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	
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28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	



ADDITIONAL INFORMATION

*Bill of Lading 3750/1705-0 Cement  
used 9 Ton for testing*

OBSERVER'S NAME (PRINT) <i>Mark Clements</i>	DATE <i>10-26-2010</i>
OBSERVER'S SIGNATURE <i>Mark Clements</i>	DATE <i>10-26-2010</i>
ORGANIZATION <i>Fort Walton Concrete</i>	
CERTIFIED BY <i>Whitlow Enterprises</i>	DATE <i>10-19-2010</i>

# Buzzi Unicem USA



Pensacola Terminal  
6266 Dalisa Road  
Milton, FL, 32583  
Telephone: (850) 983-7715

*VP 1/3*

ORIGINAL

BILL OF LADING NUMBER

375011705-0

For prompt customer service and reordering phone: 1-800-221-4861

**SHIP TO:**

Fort Walton Concrete Inc  
Fort Walton Beach  
FORT WALTON BEACH FL 32547  
US

<b>Carrier:</b>	Customer Pickup-TRUCK
<b>Scheduled Pickup Date:</b>	October 26, 2010 / 07:15 AM
<b>Loaded on:</b>	October 26, 2010 / 07:07 AM

Del. Arrival Date/Time	Del. Depart. Date/Time	Reason For Delay	
		Signed:	
<b>Order</b> 2464887	<b>Customer Purchase Order</b>	<b>Customer Account</b> 3850	<b>CIN / JOB</b>

QUANTITY	DESCRIPTION	WEIGHT
	Type I/II Low Alkali Bulk DOT	26.13 STO

<b>GROSS:</b>	79580 LB
<b>TARE:</b>	27320 LB
<b>NET:</b>	52260 LB

Shipping Instructions	Product Certification Notes	Verification Of Unloading Instructions
		<p>Dear Customer: To serve you better, the Driver has been instructed to ask you to make sure that the delivery of the commodity will be safe, proper, and in accordance with your unloading instructions.</p> <p>Please verify the following items:</p> <ol style="list-style-type: none"> <li>1. The commodity on the shipment is the amount and type you expect.</li> <li>2. The driver is hooked up to the proper storage.</li> <li>3. There is enough room for the amount of commodity on this shipment.</li> <li>4. The connections are made correctly.</li> <li>5. Plant valves are properly positioned to accept this commodity.</li> <li>6. All required inspections have been completed.</li> </ol> <p>I have verified the above items; the driver is setup correctly and is authorized to unload.</p> <p>Signed:</p>
<b>Truck Number:</b> 81	<b>Alley:</b> Pensacola Alley #1	<b>Load Start Time:</b> 06:59 AM
<b>Trailer Number:</b>	<b>Silo Name:</b> PEN Silo 01 - Alley 1	<b>Load End Time:</b> 07:07 AM

Driver Signature:

Weighmaster:

Andrew Rodgers

The cement in this shipment is sold pursuant to the Terms and Conditions listed on Seller's invoices, including Disclaimer of Warranties and Limitation of Remedies. Guaranteed to conform to all applicable ASTM C-150 and AASHTO M-85 specifications for Portland Cement. The Masonry Cements conform to specification ASTM C-91

**WARNING:** DRY OR WET PRODUCT CAN CAUSE IRRITATION AND SEVERE BURNS TO EYES AND SKIN. THIS PRODUCT CONTAINS SMALL AMOUNTS OF CRYSTALLINE SILICA, WHICH HAS BEEN LISTED AS A HUMAN CARCINOGEN. ALSO, REPEATED INHALATION OF CRYSTALLINE SILICA CAN CAUSE SILICOSIS, A DISABLING AND POTENTIALLY FATAL LUNG DISEASE.

**Precautions:** Avoid contact with eyes and skin. Wear eye protection, rubber boots and gloves. Cover arms and legs adequately. Use only with adequate ventilation. In dusty conditions use a NIOSH-approved respirator.

**First Aid:** In case of contact with skin or eyes, flush thoroughly with water. Seek prompt medical attention in case of contact with eyes or if skin irritation persists. For more information, see Material Safety Data Sheet (MSDS).

THIS IS THE PROPERTY OF THE SHIPPER AND NO RECONSIGNMENT OR DIVERSION IS TO BE MADE UNLESS AUTHORIZED BY THE CONSIGNOR.

RECEIVED THE ABOVE IN GOOD ORDER EXCEPT AS NOTED.

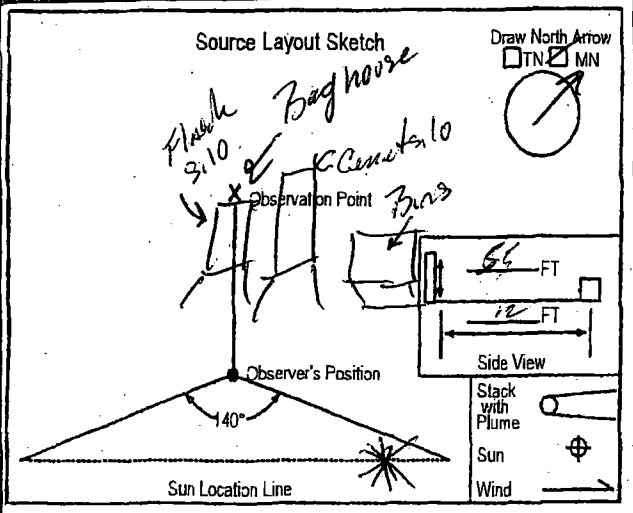
PER \_\_\_\_\_

**EPA METHOD 9 (40 CFR 60 - Appendix A)  
VISIBLE EMISSION OBSERVATION FORM**

COMPANY NAME: Fort Walton Concrete  
 LOCATION: Val Paraiso  
 LOCATION: 500 Valsistics  
 CITY: Val Paraiso STATE: FL ZIP: 32580  
 PROCESS EQUIPMENT: Concrete Batch Plant OPERATING MODE: Pneumatic  
 CONTROL EQUIPMENT: Flash Bag house OPERATING MODE: W/PSI  
 DESCRIBE EMISSION POINT: To of Silo Northwest Vent  
Pipe  
 HEIGHT OF EMISSION POINT: 55 HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: 55 START 55 END 55  
 DISTANCE TO EMISSION POINT: 55y END 55y DIRECTION TO EMISSION PT. (DEGREES 0-360): 320 END 320  
 VERTICAL ANGLE TO OBSERVATION POINT: 18° END 18° DIRECTION TO OBSERVATION POINT (DEGREES 0-360): 140 END 140  
 DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT: 55y @ 140 END 55y @ 140  
 DESCRIBE EMISSIONS: START NONE END NONE  
 EMISSION COLOR: --- WATER DROPLET PLUME: ---  
 ATTACHED  DETACHED  NONE   
 DESCRIBE PLUME BACKGROUND: START Silo END Silo  
 BACKGROUND COLOR: Rust END Rust SKY CONDITIONS: Cloudy END Cloudy  
 WIND SPEED: 12 END 13 WIND DIRECTION: 160 END 160  
 AMBIENT TEMP: 76 END 77 WET BULB TEMP: 79.2 RH percent: 94

OBSERVATION DATE: 10-26-2010 START TIME: 8:05 END TIME: 8:35

MIN	SEC				COMMENTS
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28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	



ADDITIONAL INFORMATION  
Bill of lading # 32036942  
Flash used 9 tons on test

OBSERVER'S NAME (PRINT): Mark Clements  
 OBSERVER'S SIGNATURE: Mark Clements DATE: 10-26-2010  
 ORGANIZATION: Fort Walton Concrete  
 CERTIFIED BY: Whitlow Enterprises DATE: 10-19-2010

Replaced all bags in bag house 10-3-2010 (14 bags)

*Split Load*

*Walter  
Val-A*

# HEADWATERS

## RESOURCES

Gaston  
31972 Highway 25  
PO Box 40  
Wilsonville, AL 35186

31972 Highway 25, Wilsonville, AL 35186  
Office 205.669.2296

Ticket No: 32036942  
Date: 10/25/2012

Customer ID: EFORWAL01  
FORT WALTON CONCRETE  
930 CAMPBELL RD  
CENTURY, FL 32535

Location: FTWALTBCH, FL/CP  
26 INDUSTRIAL STREET  
Loads: 75  
Miles: 0  
Tons: 2,005.79

1  
Carrier: CAMPBELL  
FLYASHRM Fly Ash Ready Mix  
Q8AS6 FLY ASH  
Price/tn 0.00

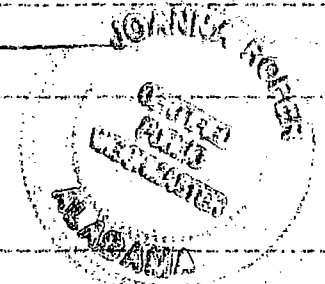
Gross: 79780 MAN WT Out 9:38:45AM  
Tare: 26180 MAN WT Out 9:38:35AM  
Net: 53600 lb  
26.800 tn

Weight Master: Joanna Roper

Driver: *[Signature]*

Remarks:

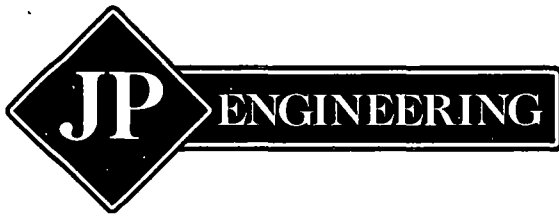
Material 0.00  
Delvry \$ 0.00  
Misc \$ 0.00  
Tax \$ 0.00  
Total \$



A HEADWATERS Company

071741  
300441111770) 422-6211





P.O. Box 5335 ♦ Niceville, FL 32578-5335  
 Phone 850.678.1355 ♦ Fax 850.678.2155

**RECEIVED**

SEP 30 2011

**DIVISION OF AIR  
 RESOURCE MANAGEMENT**

September 26, 2011

Florida Department of Environmental Protection (FDEP)  
 Receipts  
 Air Resource Management  
 PO Box 3070  
 Tallahassee, FL 32315-3070

RE: Air General Permit Renewal for Concrete Batch Plant  
 Valparaiso Concrete Batch Plant ~ Airs ID# 7774803  
 Operated By: Fort Walton Beach Concrete, Inc.

This letter will serve to provide required information for a renewal of an existing Air General Permit for a Concrete Batch Plant. The current permit, ARMS ID# 7774803-003-AG became effective December 15, 2006 and is set to expire December 15, 2011. We request to continue using an Air General Permit for a Concrete Batch Plant for this facility.

The example registration form has been filled out with most of the required information needed for this permit registration. The form did not have enough room for providing an accurate description of the facility operations.

### FACILITY DESCRIPTION

The facility is a Ready-Mix Concrete Batching Facility using fly ash, and aggregate material to produce ready mix concrete using the following:

- 1 – Ross 4436 Fly Ash bin with fourteen (14) bag house with negative pressure - 4' x 6'
- 1 – Ross 4331 Cement Silo, one-hundred fifty (150) barrel, with negative pressure. 4' x 6'; fourteen (14) bag house.

The visible emissions from silos and batchers is limited to 5 percent opacity and annual visual testing is performed by a certified Visual Emission Tester. The unconfined emissions have been controlled from the hoppers, storage equipment, conveyor drop points, truck loading and unloading, roads and parking areas and yards by accomplishing the following:

- The roads are properly maintained to remove particulate matter from the roadway surface and therefore limiting emissions. Water is also applied as needed to control dust.
- The stockpiled material is treated with water to reduce airborne particulate matter from the stock piles.
- A water bar is used at the drop point to the truck during the loading processes to mitigate emissions at the drop point.

3755  
 2272

Attached to this registration are copies of the current results from visible emissions testing performed for this facility.

If there is anything that I can help with, or if you need any further information, please do not hesitate to contact me on my cell phone at (850) 685-0296 or by e-mail at [parkermatt@cox.net](mailto:parkermatt@cox.net).

Respectfully,

A handwritten signature in black ink, appearing to read 'M. R. Parker', with a long horizontal flourish extending to the right.

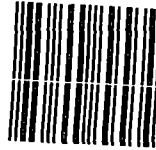
Matthew R. Parker, P.E.  
JP-Engineering, P.L.



geonline

POSTAGE REQUIRED.

PLEASE PRESS F11



U.S. POSTAGE  
PAID  
SHALIMAR, FL  
32579  
SEP 27 11  
AMOUNT

1006

32315

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00011018-07

at F  
air

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USPS TRACKING NUMBER



9502 5101 1018 1270 4424 41

us at [usps.com](http://usps.com)



m/Expéditeur:

JP Engineering  
5 Wimbledon Way  
Shalimar, FL 32579

To/Destinataire:

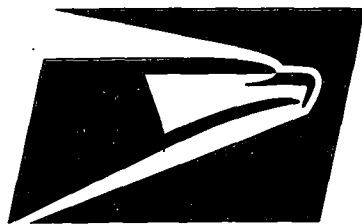
FDEP - Air Resources  
Receipts  
PO BOX 3070  
Tallahassee, FL

32315-3070

Country of Destination/Pays de destination:

USA





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