



# CONCRETE BATCHING PLANT



## COMPLIANCE INSPECTION CHECKLIST

**INSPECTION TYPE:** ANNUAL (INS1, INS2)  COMPLAINT/DISCOVERY (CI)   
 RE-INSPECTION (FUI)  ARMS COMPLAINT NO:

**AIRS ID#:** 1050411 **DATE:** 01022008 **ARRIVE:** 0820 **DEPART:** 1129

**FACILITY NAME:** J & N STONE

**FACILITY LOCATION:** 135 BARGAIN BARN RD  
 DAVENPORT 33837

**OWNER/AUTHORIZED REPRESENTATIVE:** CHAD RICHARDS **PHONE:** (863)422-7369

**CONTACT NAME:** CHAD RICHARDS **PHONE:** (321)624-9066

**ENTITLEMENT PERIOD:** 12/3/2007 / 12/3/2012  
(effective date) (end date)

**PART I: INSPECTION COMPLIANCE STATUS** (check  only one box)

IN COMPLIANCE  MINOR Non-COMPLIANCE  SIGNIFICANT Non-COMPLIANCE

**PART II: TESTING/RECORDKEEPING REQUIREMENTS – Rule 62-296.414, F.A.C.**  
 (check  appropriate box(es))

**Stack Emissions**

- Were visible emissions tests conducted during this site visit according to EPA Method 9 (Ref.: Chapter 62-297, F.A.C.)?-----  Yes  No
- Are emissions from silos, weigh hoppers (batchers), and other enclosed storage and conveying equipment controlled to the extent necessary to limit visible emissions to 5 percent opacity?-----  Yes  No
- During visible emissions tests of the silo dust collector exhaust points was the loading of the silo conducted at a rate that is representative of the normal silo loading rate, or at least at the minimum 25 tons per hour rate, unless such rate is unachievable in practice?-----  Yes  No
- Are emissions from the weigh hopper (batcher) operation controlled by the silo dust collector? (If answer to this question is "Yes", then continue on to questions 4.a) and 4.b) below. If answer is "No" then skip 4.a) and 4.b) and continue on to question 5.)-----  Yes  No
  - Was the batching operation in operation during the visible emissions test?-----  Yes  No
  - During the visible emissions test, was the batching rate representative of the normal batching rate and duration?-----  Yes  No
- If emissions from the weigh hopper (batcher) operation are controlled by a dust collector, which is separate from the silo dust collector, are the visible emissions tests of the weigh hopper (batcher) dust collector conducted while batching at a rate that is representative of the normal batching rate and duration?-----  Yes  No

**PART II: TESTING/RECORDKEEPING REQUIREMENTS – Rule 62-296.414, F.A.C. – (continued)**

(check  appropriate box(es))

**Compliance Demonstration - (Rule 62-296.401(5)(i), F.A.C.)**

1. Is each dust collector exhaust point tested according to the visible emissions limiting standard as part of the annual compliance demonstration? (Rule 62-297.310(7)(a), F.A.C.)-----  Yes  No

**New Facilities – (permitted pursuant to Rule 62-210.300(4), F.A.C., Air General Permits)**

2. Did this facility demonstrate:
- a) initial compliance no later than 30 days after beginning operation?-----  Yes  No
- b) annual compliance within 60 days prior to each anniversary of the air general permit notification form submittal date?-----  Yes  No

**Existing Facilities – (permitted pursuant to Rule 62-210.300(4), F.A.C., Air General Permits)**

3. In order to demonstrate annual compliance, was an annual visible emissions test conducted 60 days prior to the AGP Notification form submission, and within 60 days prior to each anniversary date?-----  Yes  No

**Test Reports – (Rules 62-213.440, F.A.C. and 62-297.310(8)(b), F.A.C.)**

4. Was the required test report filed with the department as soon as practical, but no later than 45 days after the test was completed?-----  Yes  No

**PART III: OPERATING/RECORDKEEPING REQUIREMENTS – Rule 62-210.300(4)(c)2., F.A.C.**

(check  appropriate box(es))

1. Is this facility: 1) a stationary ; 2) a relocatable ; or does it have: 3) both, stationary and relocatable  concrete batching and/or nonmetallic mineral processing plants? (*Please check  only one box.*)
2. If this is a stationary concrete batching plant, is there one or more relocatable nonmetallic mineral processing plants using individual air general permits at the same location? (*If your answer to this question is YES, then proceed to questions 2.a), thru 2.d,) below.*)-----  Yes  No
- a) Are there any additional nonexempt units located at this facility?-----  Yes  No
- b) Is the total combined annual facility-wide fuel oil usage of all plants less than 240,000 gallons per calendar year?-----  Yes  No
- c) Is the quantity of material processed less than ten million tons per calendar year?-----  Yes  No
- d) Is the fuel oil sulfur content 0.5% by weight or less?-----  Yes  No
3. Does the owner/operator of the concrete batching plant maintain a log book or books to account for:
- a) fuel consumption on a monthly basis?-----  Yes  No
- b) material processed on a monthly basis?-----  Yes  No
- c) the sulfur content of the fuel being burned (Fuel supplier certifications)?-----  Yes  No

**PART III: OPERATING/RECORDKEEPING REQUIREMENTS – Rule 62-296.414(2)(a) and (b), F.A.C. (continued)**

(check  appropriate box(es))

**Unconfined Emissions** – (Rule 62-296.320(4)(c), F.A.C.)

1. Does the owner /operator of the concrete batching plant take reasonable precautions to control unconfined emissions by:
- a) management of roads, parking areas, stock piles, and yards, which shall include one or more of the following:
    - 1) paving and maintenance of roads, parking areas, stock piles, and yards?-----  Yes  No
    - 2) application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions?-----  Yes  No
    - 3) removal of particulate matter from roads and other paved areas under control of the owner/operator to re-entrainment, and from building or work areas to reduce airborne particulate matter?-----  Yes  No
    - 4) reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles?-----  Yes  No
  - b) use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck?-----  Yes  No

**PART IV: SPECIAL CONDITIONS AND PROCEDURES – Rule 62-210.300(4)(d)4., F.A.C.**

**A. New or Modified Process Equipment**

1. Since the last inspection has there been
- a) installation of any new process equipment?-----  Yes  No
  - b) alterations to existing process equipment without replacement?-----  Yes  No
  - c) replacement of existing equipment substantially different than that noted on the most recent notification form?-----  Yes  No
  - d) If you answered **YES** to any of the above, did the owner submit a new and complete notification form and appropriate fee (Rule 62-4.050, FAC) to the appropriate DEP or local program office?-----  Yes  No

Joseph V Panetta

01022008

Inspector's Name (Please Print)

Date of Inspection

Inspector's Signature

2009

Approximate Date of Next Inspection

**COMMENTS:** Observed VE's then performed inspection. Ve for Silo # 1 passed the first thirty minutes but was stopped during the second thirty minutes because the silo was puffing cement.

Performed inspection. During the inspection I gave owner Mr.Richards a copy of the General Permit Rule/Application. Highlighted areas we look for during an inspection. Also gave Mr.Richards a blank copy of the inspection report, SBEAP liaison Stephen McKeough's contact information and the link to the SBEAP web site. Left field warning notice for not maitaing a log book to account for materials used on a monthly basis. Log was received 01/15/2008, this closed out warning notice.  
Received copies of VE's February 4, 2008



# Florida Department of Environmental Protection

Southwest District Office

## FIELD WARNING NOTICE

Name / Owner / Operator: Chad Richards J and N Stone

Address: 135 Bargain Barn Rd

Location / Source: Davenport 33837

Permit Number: 1050411 Permit Exp. Date: 12/3/2012 Date and Time: 1/2/08

The purpose of this notice is to advise you of possible violations of law for which you may be responsible, and to seek your cooperation in resolving the matter. Florida Department of Environmental Protection (DEP) personnel conducted a field inspection on the date listed above at the location described above. Florida DEP personnel observed the following, which indicates that a violation of Florida Statutes and Rules may exist at the above described facility: *(For example, Where was the activity observed? How was it discovered? Who provided information to the inspector?)*

Observations: No Log Book or Books to Account for material processed on a monthly basis - Chad Richards said he will Fax or email Records within 15 days

Rule or Statute Relevant to Observations

Permit Condition No.

<b>Unconfined Particulate Matter.</b> Rule 62-296.320(4)(c)1, Florida Administrative Code (F.A.C.), provides that no person shall cause, let, permit, suffer or allow the emission of unconfined particulate matter from any activity, without taking reasonable precautions to prevent such emissions.	
<b>Operating Without a Permit.</b> Rule 62-210.300, F.A.C., provides that, unless exempted from permitting or unless specifically authorized, the owner or operator of any facility or emissions unit which emits or can reasonably be expected to emit any air pollutant shall obtain an appropriate permit from the Department.	
<b>Violation of Permit Condition(s).</b> Rule 62-4.160(1), F.A.C., The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S.	
<b>Objectionable Odor.</b> Rule 62-296.320(2), F.A.C., provides that no person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor.	
<b>Excessive Visible Emissions.</b> Rule 62-296.320(4)(b)1., F.A.C., provides that no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than 20 percent opacity.	
<b>Open Burning.</b> With few exceptions, Rule 62-296.320(3), F.A.C., prohibits open burning in connection with industrial, commercial, or municipal operations.	
<b>Constructing Without a Permit.</b> Rule 62-4.210, F.A.C., provides that no person shall construct any installation or facility which will reasonably be expected to be a source of air or water pollution without first applying for and receiving a construction permit from the Department.	
<b>Other.</b>	

The activities observed during the Department's field inspection and any other activities at your facility that may be contributing to violations of the above-described statutes or rules should be ceased. The operation of a facility in violation of state statutes or rules may result in liability for damages and restoration, and the administrative imposition of penalties up to \$10,000.00 pursuant to Section 403.121, Florida Statutes (F.S.), or the judicial imposition of civil penalties up to \$10,000.00 per violation per day pursuant to Sections 403.141 and 403.161, F.S.

You are requested to contact Joe Panetta at the address or telephone number below within 15 days of receipt of this Field Warning Notice. Please be advised that this Field Warning Notice is part of an agency investigation, preliminary to agency action in accordance with Section 120.57(5), F.S. We look forward to your cooperation in completing the investigation and resolution of this matter.

Received by: Chad Richards Issued / Posted by: Joseph V. Panetta

Print: [Signature] Print: Joseph V. Panetta

Title: President

**Dec-07**

**Gray**

**White**

<b>DATE</b>	<b>Cement</b>	<b>Cement</b>	<b>Shale</b>	<b>ADVA 540</b>	<b>AEA</b>
	<b>By LBS</b>	<b>By LBS</b>	<b>By LBS</b>	<b>By oz</b>	<b>By oz</b>
12/3/2007	2100	0	4375	140	4.5
12/4/2007	2460	300	5750	184	5.75
12/5/2007	3240	960	8750	280	8.75
12/6/2007	2280	2040	9000	288	9
12/7/2007	1440	2760	8750	280	8.75
12/10/2007	600	1740	4875	156	4.9
12/11/2007	780	1800	5375	172	5.4
12/12/2007	3480	420	8125	260	8.15
12/13/2007	2700	720	7125	228	7.15
12/14/2007	1920	2640	9500	304	9.55
12/17/2007	1560	1200	5750	184	7.5
12/18/2007	3600	0	7500	240	7.5
12/19/2007	3120	0	6500	208	6.5
12/20/2007	3240	0	6750	216	6.75
12/21/2007	1800	2400	8750	280	8.75
12/24/2007	0	0	0	0	0
12/25/2007	0	0	0	0	0
12/26/2007	2460	720	6625	212	6.65
12/27/2007	3120	300	7125	228	7.15
12/28/2007	2640	120	5750	184	7.5
12/31/2007	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
<b>Totals</b>	42540	18120	126375	4044	130.2



**Holcim**

TAMPA  
3417 PORT SUTTON RD  
TAMPA FL 33619

SMI

Customer Service  
1-800-854-4656

**Bill of Lading: 803914059**

Ship To #1005614

Shipping information

Page 1 of 1

CEMENT IT INC  
2455 E SUNRISE BLVD STE 1103  
FORT LAUDERDALE FL 33339  
USA

Ship Date 01/02/2008 Time In: 06:47  
Rq.Div.Date/Time 00:00 Time Out: 06:51  
Customer PO/Dt 5727  
Order Number/Date 5927325 / 01/02/2008  
Customer Number 3086  
Reference

Conditions

Scaled Weight (Bulk Only)

Delivery FOB  
Route

\* Gross Weight 79,360 lb  
\* Tare Weight 25,160 lb  
Net Weight 54,200 lb

Carrier/Vehicle Details

Carrier Code 4000000  
Carrier Name CUSTOMER VEHICLE  
Contract#  
Vehicle PC BULK 829

Certified For State  
Job Number

Acc. Charge  
Equip. Type 5000056

Shipping Details

Material	Description	Silo	Val.	Quantity	Weight
		Type			
19	PORTLAND, TYPE I/II	6007	2131	54,200 lb	27.100 tn

**Total Weight 27.100 tn**

PORTLAND TYPE I/II

Shipping Instruction

Received, subjected to the classification and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above, in good order, except as noted (contents and condition of packages own marked, consigned 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 the usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. Sec Article 11D on the reverse side hereof for definitions of U.S. Sales and Canadian Sales, respectively. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as each party at any time interested in all or any of said property, that every service to be performed here under shall be subjected for all U.S. Sales to all the terms and conditions of Uniform Domestic Straight Bill of Lading set forth in Uniform Freight Classification in effect on the date hereof, if this is rail or rail water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment and for all Canadian Sales to all the following terms and conditions: (1) approved by the Board of Transport Commissioners for Canada by general order No. T-5, dated February 1, 1986 and in effect to December 31, 1987 set forth in the Canadian Freight Classification and also available at all railway agency stations and freight offices upon request, when said goods are carried by a rail carrier, or (2) of the bill of lading of the water carrier as provided in its tariff of rules and regulations when said goods are carried by a water carrier; or (3) of the bill of lading set forth in or prescribed by the relevant tariffs, classification, statutes and regulations pertaining to motor carrier's services when said goods are carried by a motor carrier; or (4) of the bill of lading described by O.C. 986-79, April 1, 1979, when the said goods originating in Quebec are to be carried by a motor carrier; (5) or approved by the Board of Transport Commissioners for Canada by general order No. T-43, set forth in the Rules for the Carriage of Express and Non-carload Freight Traffic and also available at all express and railway agency stations and express and freight offices upon request, when said goods are carried by a rail carrier and which are agreed to by the shipper and accepted for himself and his assigns. Shipper hereby certifies that it is familiar with all the terms and conditions of said bill of lading including those on the back thereof, set forth in the classification or tariff which govern the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for itself and its assigns.

For U.S. Sales, if the shipment moves between two ports by carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight. If the shipment moves by rail, the description and weight indicated on this bill of lading are correct, subjected to verification by the individual railroad or Western Weighing Bureau, whichever has jurisdiction according to agreement.

For U.S. Sales, the paper bags used for this shipment conform to the specifications and rules set forth in the governing Rail and Motor classifications.

Shipper's imprint in lieu of stamp, not a part of Bill of Lading as approved by U.C.C.  
Manual Weights

Loaded By:

Subjected to section 7 of conditions, of applicable bill of lading, if this shipment is to be delivered to consignee without recourse of consignor, the consignor shall sign the following statement:

Driver

The carrier shall not make delivery of the shipment without payment of freight and all other lawful charges.

Customer

(Signature of consignor)

# EPA VISIBLE EMISSION OBSERVATION FORM 1

1050411-001

Method Used (Circle One)  
 Method 9      203A      203B      Other: \_\_\_\_\_

Form Number \_\_\_\_\_ Page 1 of 1  
 Continued on VEO Form Number \_\_\_\_\_

Company Name **J + N Stone**

Facility Name \_\_\_\_\_

Street Address **135 BARGAIN BARN Rd**

City **Davenport** State **FL** Zip **33837**

Process **SILO #2 GREY** Unit # **601** Operating Mode **LOADING**

Control Equipment **BAG HOUSE** Operating Mode **FILTER**

Describe Emission Point  
**BAGHOUSE TOP of SILO #2**

Height of Emiss. Pt. Start **40'** End **40'** Height of Emiss. Pt. Rel. to Observer Start **35'** End **35'**

Distance to Emiss. Pt. Start **-60'** End **-60'** Direction to Emiss. Pt. (Degrees) Start **312** End **312**

Vertical Angle to Obs. Pt. Start **-** End **-** Direction to Obs. Pt. (Degrees) Start **312** End **312**

Distance and Direction to Observation Point from Emission Point Start **2' UP** End **2' UP**

Describe Emissions Start **None** End **None**

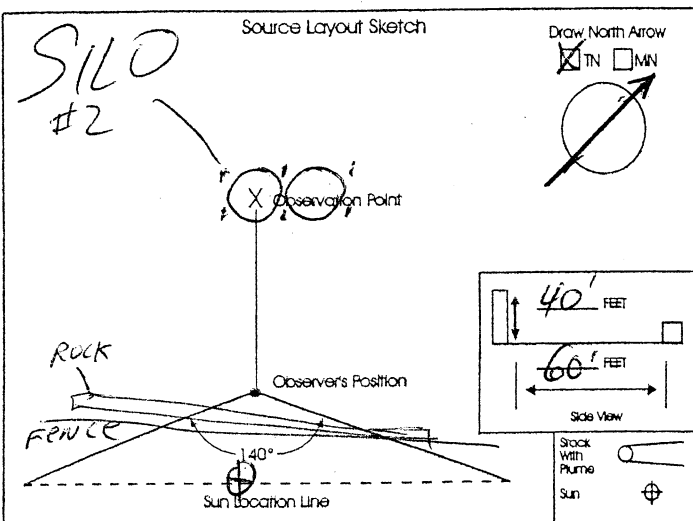
Emission Color Start **None** End **None** Water Droplet Plume Attached  Detached  None

Describe Plume Background Start **Clear Sky** End **SKY**

Background Color Start **Blue** End **Blue** Sky Conditions Start **Clear** End **Clear**

Wind Speed Start **2.4** End **2.4 m/s** Wind Direction Start **N** End **N**

Ambient Temp. Start **43** End **44** Wet Bulb Temp. \_\_\_\_\_ RH Percent. **32**



Longitude \_\_\_\_\_ Latitude \_\_\_\_\_ Declination **30W**

Additional Information **30 T/HR gray cement**

Observation Date		Time Zone				Start Time	End Time
1-2-08		EST				8:27	8:57
Sec	0	15	30	45	Comments		
1	0	0	0	0			
2	0	0	0	0			
3	0	0	0	0			
4	0	0	0	0			
5	0	0	0	0			
6	0	0	0	0			
7	0	0	0	0			
8	0	0	0	0			
9	0	0	0	0			
10	0	0	0	0			
11	0	0	0	0			
12	0	0	0	0			
13	0	0	0	0			
14	0	0	0	0			
15	0	0	0	0			
16	0	0	0	0			
17	0	0	0	0			
18	0	0	0	0			
19	0	0	0	0			
20	0	0	0	0			
21	0	0	0	0			
22	0	0	0	0			
23	0	0	0	0			
24	0	0	0	0			
25	0	0	0	0			
26	0	0	0	0			
27	0	0	0	0			
28	0	0	0	0			
29	0	0	0	0			
30	0	0	0	0			

Observer's Name (Print) **Dean H. Myers P.E.**

Observer's Signature \_\_\_\_\_ Date **1-2-08**

Organization **General Environmental Engineering Inc.**

Certified By **DEP/Whitlow** Date **7-10-07**

VISIBLE EMISSIONS EVALUATION

COMPANY JEN Stone

UNIT EU 00

ADDRESS 135 Bargain Blvd Dunwoody

Gray Cond

PERMIT NO. 1050411-001-A COMPLIANCE (YES)  NO

AIRS NO. 1050411 EU NO. 5110 002

PROCESS RATE 27 TPH PERMITTED RATE ≥ 25 TPH

PROCESS EQUIPMENT Silo #2

CONTROL EQUIPMENT BAGHOUSE

OPERATING MODE 10 PSI AMBIENT TEMP (BF) START 340 STOP 360

HEIGHT ABOVE GROUND LEVEL START 40' STOP 40' HEIGHT RELATIVE TO OBSERVER START 35' STOP 35'

DISTANCE FROM OBSERVER START 60' STOP 260' DIRECTION FROM OBSERVER START 314 STOP 314

EMISSION COLOR NONE PLUME TYPE CONTIN. N/A INTERMITTENT -

WATER DROPLETS PRESENT? NO N/A YES - IS WATER DROPLET PLUME ATTACHED N/A DETACHED -

POINT IN PLUME AT WHICH OPACITY WAS DETERMINED START N/A STOP -

DESCRIBE BACKGROUND START Clear Sky STOP Same

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

WIND SPEED (MPH) START 6-8 STOP - WIND DIRECTION START N STOP -

AVERAGE OPACITY FOR HIGHEST PERIOD 0 RANGE OF OPACITY READINGS MIN. 0 MAX. 0

SOURCE LAYOUT SKETCH

Draw North Arrow

COMMENTS Ended 9:21 AM

10 PSI

OBSERVATION DATE					START TIME					STOP TIME				
<u>1/2/08</u>					<u>0824</u>					<u>0858</u>				
SEC					SEC									
	MIN	0	15	30		45	MIN	1	15	30	45			
0	0	0	0	0	30									
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	0	0	0	0	37									
8	0	0	0	0	38									
9	0	0	0	0	39									
10	0	0	0	0	40									
11	0	0	0	0	41									
12	0	0	0	0	42									
13	0	0	0	0	43									
14	0	0	0	0	44									
15	0	0	0	0	45									
16	0	0	0	0	46									
17	0	0	0	0	47									
18	0	0	0	0	48									
19	0	0	0	0	49									
20	0	0	0	0	50									
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									

Observers Signature: [Signature]

Date: 1-2-08

Observers Organization: Florida Department of Environmental Protection

Observer Name and Certified By:

**EASTERN TECHNICAL ASSOCIATES**

**JOSEPH PANETTA**

PAN716659 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.

TAMPA, FL 8/15/2007 352735

SCHOOL LOCATION DATE OF SCHOOL CERT NUMBER

TMPS06 2/14/2008

LAST LECTURE EXPIRATION DATE BEARER



**GENERAL  
ENVIRONMENTAL  
ENGINEERING INC**

**DEAN H. MYERS, P.E.**  
PRINCIPAL ENGINEER

205 W. PALMETTO ST.  
LAKELAND, FL 33815

PHONE: (863) 682-7587  
FAX: 863-499-0028

TRANSMITTAL SHEET

Dept. Of Environmental Protection

FEB 04 2008

Southwest District

DATE: 1-31-07 TIME: \_\_\_\_\_

TO: JOE P. AIR Compliance

COMPANY: \_\_\_\_\_

FAX NUMBER: \_\_\_\_\_

PHONE: \_\_\_\_\_

FROM: Dean H, Myers, General Environmental Engineering

RE: J & N Stone 1050411

NUMBER OF PAGES (INCLUDING THIS COVER SHEET): \_\_\_\_\_

COMMENTS: JOE, As we discussed - J & N Stone will re-schedule to run SILO #1 (white cement) as it had a start-up maintenance problem. Due to slow business lately, J & N figures the silo may be empty in late Feb. or maybe march. We will be in contact before then.

EPA  
VISIBLE EMISSION OBSERVATION FORM 1

1050411-001

Method Used (check One)  
Method 9  203A  203B  Other: \_\_\_\_\_

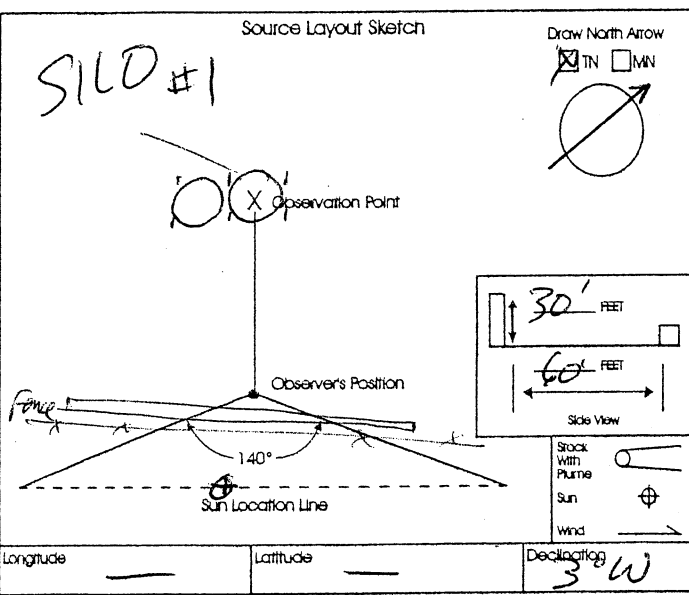
Form Number \_\_\_\_\_ Page 1 of 1  
Continued on VEO Form Number \_\_\_\_\_

Company Name **J & N Stone**  
Facility Name \_\_\_\_\_  
Street Address **135 Bargain Barn**  
City **Davenport** State **FL** Zip **33837**  
Process **Silo #1 white** Unit # **001** Operating Mode **LOADING**  
Control Equipment **BAGHOUSE** Operating Mode **filter**

Describe Emission Point  
**BAGHOUSE TOP of Silo #1**  
Height of Emiss. Pt. Start **34'** End **34'** Height of Emiss. Pt. Rel. to Observer Start **30'** End **30'**  
Distance to Emiss. Pt. Start **60'** End **60'** Direction to Emiss. Pt. (Degrees) Start **316** End **316**  
Vertical Angle to Obs. Pt. Start **-** End **-** Direction to Obs. Pt. (Degrees) Start **316** End **316**  
Distance and Direction to Observation Point from Emission Point Start **2' UP** End **2' UP**

Describe Emissions  
Start **None** End **None**  
Emission Color Start **None** End **None** Water Droplet Plume Attached  Detached  None

Describe Plume Background  
Start **Clear SKY** End **same**  
Background Color Start **Blue** End **Blue** Sky Conditions Start **Clear** End **Clear**  
Wind Speed Start **3.6 m/s** End **3.6 m/s** Wind Direction Start **N** End **N**  
Ambient Temp. Start **45 F** End **45** Wet Bulb Temp. **-** RH Percent **32**



Observation Date	Time Zone	Start Time	End Time						
<b>1-2-08</b>	<b>EAST</b>	<b>9:44</b>	<b>10:14</b>	Sec	0	15	30	45	Comments
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					some fugatives
21	0	0	0	0					Stopped transfer
22	0	0	0	0					~ 10:30 blow off valve leaking
23	0	0	0	0					fugatives
24	0	0	0	0					new setup - system needs adjusting
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					- Reschedule in Feb.

Additional Information  
**STOP @ - 10:30 White job stopped-NO RATE cement**

Observer's Name (Print) **Dean H. Myers, P.E.**  
Observer's Signature **[Signature]** Date **1-2-08**  
Organization **General Environmental Engineering Inc.**  
Certified By **DEP/Whitlow** Date **7-10-07**

VISIBLE EMISSIONS EVALUATION

COMPANY <b>J E N Stone</b>	
UNIT <b>EU00</b>	
ADDRESS <b>135 Bangam Bang Rd Davenport</b> <b>White Cement</b>	
PERMIT NO. <b>1050411-001-A6</b>	COMPLIANCE YES - <b>Needs Retest</b>
AIRS NO. <b>1050411</b>	EU NO. <b>002 001</b>
PROCESS RATE <b>OPF Retest</b>	PERMITTED RATE <b>≥ 25 TPH</b>
PROCESS EQUIPMENT <b>SIL0 #1</b>	
CONTROL EQUIPMENT <b>BAG House</b>	
OPERATING MODE <b>OPF</b>	AMBIENT TEMP (BF) START <b>234</b> STOP <b>236°</b>
HEIGHT ABOVE GROUND LEVEL START <b>234'</b> STOP <b>~34'</b>	HEIGHT RELATIVE TO OBSERVER START <b>229'</b> STOP <b>229'</b>
DISTANCE FROM OBSERVER START <b>60'</b> STOP <b>260'</b>	DIRECTION FROM OBSERVER START <b>320°</b> STOP <b>320°</b>
EMISSION COLOR <b>White</b>	PLUME TYPE CONTIN. - <b>INTERMITTENT</b>
WATER DROPLETS PRESENT? NO - <b>N/A</b>	IS WATER DROPLET PLUME ATTACHED - <b>N/A</b> DETACHED -
POINT IN PLUME AT WHICH OPACITY WAS DETERMINED START <b>6-12 inches above BAG house</b> STOP	
DESCRIBE BACKGROUND START <b>Clear Sky</b> STOP <b>Clear Sky</b>	
BACKGROUND COLOR START <b>Blue</b> STOP <b>Blue</b>	SKY CONDITIONS START <b>Clear</b> STOP <b>Clear</b>
WIND SPEED (MPH) START <b>6-8</b> STOP <b>6-8</b>	WIND DIRECTION START <b>N</b> STOP <b>N</b>
AVERAGE OPACITY FOR HIGHEST PERIOD <b>2.29</b>	RANGE OF OPACITY READINGS MIN. <b>5</b> MAX. <b>10</b>
SOURCE LAYOUT SKETCH	
<p>The sketch shows an 'Emission Point' at the top, connected by a vertical line to the 'Observer's Position' at the bottom. A north arrow is drawn to the right. Wind direction is indicated by an arrow pointing right. A dashed line labeled 'Sun Location Line' is drawn at a 140-degree angle from the vertical line. A legend identifies symbols for Sun, Wind, and Plume and Stack.</p>	
COMMENTS <b>10 PSI</b> <b>Retest</b>	

OBSERVATION DATE					START TIME					STOP TIME				
1/2/08					0946					10:15				
SEC	MIN				SEC	MIN								
	0	15	30	45		1	15	30	45					
0	0	0	0	0	30									
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	0	0	0	0	37									
8	0	0	0	0	38									
9	0	0	0	0	39									
10	0	0	0	0	40									
11	0	0	0	0	41									
12	0	0	0	0	42									
13	0	0	0	0	43									
14	0	0	0	0	44									
15	0	0	0	0	45									
16	0	0	0	0	46									
17	0	0	0	0	47									
18	0	0	0	0	48									
19	0	0	0	0	49									
20	0	0	0	0	50									
21	0	0	0	5	51									
22	0	5	0	5	52									
23	0	5	5	5	53									
24	5	0	5	0	54									
25	10	5	0	10	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									

Observers Signature: *Joseph Panetta*

Date: **1-2-08**

Observers Organization: Florida Department of Environmental Protection

Observer Name and Certified By:

EASTERN TECHNICAL ASSOCIATES

JOSEPH PANETTA

PAN716659 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.

TAMPA, FL  
SCHOOL LOCATION

8/15/2007  
DATE OF SCHOOL

352735  
CERT NUMBER

TMPS06  
LAST LECTURE

2/14/2008  
EXPIRATION DATE

BEARER

## Panetta, Joe

---

**From:** Chad Richards [chadrichards@jstoneinc.com]  
**Sent:** Tuesday, January 15, 2008 8:36 AM  
**To:** Panetta, Joe  
**Attachments:** Production Log Dec 07.pdf

Joe

I hope this is what is needed for the log  
If things need to be changed on this spread sheet  
Please let me know  
Thank you for all your help

**Chad Richards**  
[ChadRichards@jstoneinc.com](mailto:ChadRichards@jstoneinc.com)  
Vice President  
J & N Stone, Inc.  
863-422-7369

## Panetta, Joe

---

**From:** Bradley, Christopher  
**Sent:** Thursday, December 20, 2007 3:37 PM  
**To:** Hughes, Rhonda; Panetta, Joe  
**Subject:** FW: G E test

Rhonda – Please place this on the Air Calendar.

Joe – Please plan to attend this initial tets.

Thanks,

Chris

---

**From:** Chad Richards [mailto:[chadrichards@jnstoneinc.com](mailto:chadrichards@jnstoneinc.com)]  
**Sent:** Thursday, December 20, 2007 2:20 PM  
**To:** Bradley, Christopher  
**Subject:** G E test

Chris

Sorry this email is so late; I had miss spelled your email  
Per our conversation yesterday Dean Myers will be here for testing on 01/02/2008  
First one will be at 8 am, second at 10 am (2 silos )  
Our permit # is 1050411

We would like to thank your office for all the kindness in our lack of knowledge in this department  
We hope you have a Merry Christmas and a Happy New Year

Thank you for all of your help

I will send this to Rhonda as well

Chad Richards  
[ChadRichards@jnstoneinc.com](mailto:ChadRichards@jnstoneinc.com)  
Vice President  
J & N Stone, Inc.  
863-422-7369

## Hughes, Rhonda

---

**From:** Bradley, Christopher  
**Sent:** Thursday, December 20, 2007 3:37 PM  
**To:** Hughes, Rhonda; Panetta, Joe  
**Subject:** FW: G E test

Rhonda – Please place this on the Air Calendar.

ENT'D DEC 20 2007

Joe – Please plan to attend this initial tets.

Thanks,

Chris

---

**From:** Chad Richards [mailto:chadrichards@jnstoneinc.com]  
**Sent:** Thursday, December 20, 2007 2:20 PM  
**To:** Bradley, Christopher  
**Subject:** G E test

Chris

Sorry this email is so late; I had miss spelled your email  
Per our conversation yesterday Dean Myers will be here for testing on 01/02/2008  
First one will be at 8 am, second at 10 am (2 silos )  
Our permit # is 1050411

We would like to thank your office for all the kindness in our lack of knowledge in this department  
We hope you have a Merry Christmas and a Happy New Year

Thank you for all of your help

I will send this to Rhonda as well

Chad Richards  
[ChadRichards@jnstoneinc.com](mailto:ChadRichards@jnstoneinc.com)  
Vice President  
J & N Stone, Inc.  
863-422-7369