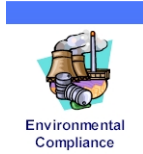




**CONCRETE BATCHING PLANT**



**COMPLIANCE INSPECTION CHECKLIST**

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

**AIRS ID#:** 7775198 001      **DATE:** 5/20/08      **ARRIVE:** 1:00 PM      **DEPART:** 3:00 PM

**FACILITY NAME:** Laurelwood Florida Builders, Inc.

**FACILITY LOCATION:** 8989 Ulmerton Road  
Largo, FL

**RESPONSIBLE OFFICIAL:** Kerry K. Dowling?      **PHONE:** 727-559-0116

**CONTACT NAME:** Kerry K. Dowling?      **PHONE:** 727-559-0116

**REMITTANCE YEAR:** N/A \_\_\_\_\_      **ENTITLEMENT PERIOD:** 3/5/08 / 3/5/13  
(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**

1. Were visible emissions tests conducted during this site visit according to EPA Method 9 (Ref.: Chapter 62-297, F.A.C.)?-----  Yes  No
2. 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
3. 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
4. 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
  - a) Was the batching operation in operation during the visible emissions test?-----  Yes  No
  - b) During the visible emissions test, was the batching rate representative of the normal batching rate and duration?-----  Yes  No
5. 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

Mike Ojo Thomas

\_\_\_\_\_  
Inspector's Name (Please Print)

5/20/08

\_\_\_\_\_  
Date of Inspection

\_\_\_\_\_  
Inspector's Signature

\_\_\_\_\_  
Approximate Date of Next Inspection

**COMMENTS:** See the attached Pinellas County inspection report form for additional information



**CONCRETE BATCHING PLANT**

<b>FACILITY:</b> <b>Laurelwood Florida Builders, Inc.</b>		<b>PERMIT ID:</b> <b>2505</b>
<b>C &amp; D Thin Pavers and Coping</b>		<b>DISTRICT:</b> Southwest
<b>ADDRESS:</b> 8989 Ulmerton Road Largo, FL		<b>CONTACT PHONE:</b> 727-559-0116
<b>ARMS NO:</b> <b>7775198 001</b>	<b>PERMIT NO:</b> <b>7775198-002-AG</b>	<b>Expiration Date:</b> 3/5/13 <b>Renewal Date:</b> 2/3/13 <b>Test Date:</b> 2/29/00

**EMISSION UNIT DESCRIPTION:** Silo No. 1: Inside the Building, Belgrade 200 Barrel low profile portable cement silos (8'6" wide X 13'6" tall X 26' long) Emissions controlled by Belgrade baghouse with 150 square foot of filtration. (18 PE 37 100% polyester 902 fabric filters)

<b>INSPECTION DATE:</b> 5/20/08	<b>ARMS INSPECTION TYPE:</b> <input checked="" type="checkbox"/> INS2 or <input type="checkbox"/> INS_____	<b>COMPLIANCE STATUS:</b> <input checked="" type="checkbox"/> IN <input type="checkbox"/> MNC <input type="checkbox"/> SNC
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Type of Inspection: Initial Re-inspection Complaint Drive-by Quarterly

**A. General Review:**

1.	Permit File Review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	Introduction and Entry  <i>Comments: The Source was inspected to determine if it is operating within applicable regulations and general permit conditions. Ms. Sharon Gray, Director of Operations, was present during the facility tour and records inspection. Ms. Gray explained to that their plant manager is the person responsible for the operations. She stated the plant manager was not onsite, and then she contacted Mr. Frank Lee the plant manager via the telephone. I explained to Mr. Lee that emission unit's onsite are different from emission unit's description on the General Permit Registration. I told Mr. Lee that they need a follow up letter amending the registration. He stated the emission unit has not been in operation since 2006. Mr. Lee stated they no plan to re-start the emission unit back up. The emission unit is not presently operating. According to Mr. Lee all manufacturing operations have been moved to Leesburg. He stated they only wanted to maintain the General Permit in case if they wanted to operate the emission unit.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	<b>Is the Authorized Representative still: <u>Kerry K. Dowling?</u></b> <i>Comments: Mr. Kerry Dowling stills the Authorized Representative.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	<b>Is the facility contact still: Kerry K. Dowling?</b> <i>Comments: Mr. Kerry Dowling stills the facility contact.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

I N C	M N C	S N C	
<b>B. Specific Conditions</b>			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>The owner or operator of any equipment used to mix cement and soil for onsite soil augmentation or stabilization shall notify the Department by telephone, e-mail, fax, or written communication at least one (1) business day prior to changing location and transmit (by e-mail, fax, post, or courier) a Facility Relocation Notification Form (DEP Form No. 62-210.900(6)) to the Department no later than five (5) business days following relocation. The owner or operator of any other relocatable concrete batching plant proposing to change location shall transmit a Facility Relocation Notification Form to the Department at least five (5) business days prior to relocation. [62-210.310(5)(b)3.b., F.A.C.]</p> <p><i>Comments: This facility has two re-locatable concrete batch plants onsite.</i></p>

I N C	M N C	S N C	<b>B. Specific Conditions</b>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>A facility using this air general permit may collocate with other facilities that separately registered for, and are also using, the concrete batching plant air general permit, and with facilities using the nonmetallic mineral processing plant air general permit at paragraph 62-210.310(5)(e), F.A.C., even if under the control of different persons, provided the following conditions are met.</p> <p>a. The collocation site does not contain any emissions units and pollutant-emitting activities other than concrete batching plants using air general permits, nonmetallic mineral processing plants using air general permits, and nonmetallic mineral processing plants or other emissions units and pollutant-emitting activities exempted from permitting pursuant to subsection 62- 210.300(3), F.A.C., or Rule 62-4.040, F.A.C.</p> <p>b. The total fuel consumption by all emissions units at the collocation site shall not exceed 275,000 gallons of diesel fuel, 23,000 gallons per year of gasoline, 44 million standard cubic feet per year of natural gas, or 1.3 million gallons per year of propane, or an equivalent prorated amount if multiple fuels are used.</p> <p>c. If multiple fuels are used, the equivalent prorated amount of each fuel burned shall not exceed the total amount of such fuel allowed to be burned, as given in sub-subparagraph b., multiplied by a fuel percentage. The fuel percentage is the percentage ratio of the amount of the fuel burned at the facility to the total amount of such fuel allowed to be burned at the facility pursuant to subparagraph b. The sum of the fuel percentages for all fuels burned by the facility shall not exceed one hundred percent (100%).</p> <p>d. The owners or operators of all collocated concrete batching plants and nonmetallic mineral processing plants shall maintain records to account for site-wide fuel consumption for each calendar month and each consecutive twelve (12) months. The owners or operators shall retain these records, available for Department inspection, for a period of at least five (5) years. [62-210.310(5)(b)4., F.A.C.]</p> <p><b>Comments:</b> The facility <input type="checkbox"/> does <input checked="" type="checkbox"/> does not operate operated a nonmetallic mineral processing plant on-site under general permit No. <u>7775198001</u>. Reviewed the records for the months of <u>n/a</u>, <u>n/a</u>, and <u>n/a</u>. The maximum 12 month totals of <u>n/a</u> gallons/year of fuel and <u>n/a</u> tons/year of material processed. Pressure relief pop-up valve(s) – is there a accumulation of cement around the pop-off valves? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Silo housings &amp; duct work – are there any apparent leaks? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Note: <b>The facility concrete manufacturing operations is currently shutdown. The emission unit has not been in operation since 2006.</b></p>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>Unconfined Emissions. The owner or operator shall take reasonable precautions to control unconfined emissions from hoppers, storage and conveying equipment, conveyor drop points, truck loading and unloading, roads, parking areas, stock piles, and yards as required by Rule 62-296.320(4)(c), F.A.C. For concrete batching plants the following shall constitute reasonable precautions:</p> <p>(a) Management of roads, parking areas, stock piles, and yards, which shall include one or more of the following:</p> <ol style="list-style-type: none"> <li>1. Paving and maintenance of roads, parking areas, and yards.</li> <li>2. Application of water or environmentally safe dust- suppressant chemicals when necessary to control emissions.</li> <li>3. Removal of particulate matter from roads and other paved areas under control of the owner or operator to mitigate re-entrainment, and from building or work areas to reduce airborne particulate matter.</li> <li>4. Reduction of stock pile height or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles.</li> </ol> <p>(b) Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck. [62-296.414(2)]</p> <p><b>Comments:</b> There were no Unconfined Emissions present at the time of inspection. The facility concrete manufacturing operations is currently shutdown.</p>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>Visible emissions tests of silo dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons per hour unless such rate is unachievable in practice. If emissions from the weigh hopper (batcher) operation are also controlled by the silo dust collector, the batching operation shall be in operation during the visible emissions test. The batching rate during the emissions test shall be representative of the normal batching rate and duration. Each test report shall state the actual silo loading rate during emissions testing and, if applicable, whether or not batching occurred during emissions testing. [62-296.414(3)(c), F.A.C.]</p> <p><b>Comments:</b> The last test, on 2/28/07, was conducted at a process rate of <u>25</u> tph. Based on that test, the facility process rate was limited to 25 tph.</p>

I N C	M N C	S N C	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p align="center"><b>B. Specific Conditions</b></p> <p>If emissions from the weigh hopper (batcher) operation are controlled by a dust collector which is separate from the silo dust collector, visible emissions tests of the weigh hopper (batcher) dust collector exhaust point shall be conducted while batching at a rate that is representative of the normal batching rate and duration. Each test report shall state the actual batching rate during emissions testing. [62-296.414(3)(d), F.A.C.]</p> <p><b>Comments: : Emissions from the weigh hopper are not controlled by a separate dust collector.</b></p>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>Each dust collector exhaust point shall be tested annually. New facilities permitted pursuant to Rule 62-210.300(4), F.A.C., Air General Permits, shall demonstrate initial compliance no later than 30 days after beginning operation, and annual compliance within 60 days prior to each anniversary of the air general permit notification form submittal date. Existing facilities permitted pursuant to Rule 62-210.300(4), F.A.C., Air General Permits, shall demonstrate compliance within 60 days prior to submitting an air general permit notification form and within 60 days prior to each anniversary of the air general permit notification form submittal date. [62-296.414(4), F.A.C.]</p> <p><b>Comments: The test should be completed by 12/28/06 and 2/28/07. The last test was conducted on 2/28/07, and the test results were submitted on 4/6/07.</b></p>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>Test Reports. - The required test report shall be filed with the PCDEM as soon as practical but no later than 45 days after the test is completed. [Rules 62-213.440 and 62-297.310(8)(b), F.A.C.]</p> <p><b>Comments: The last test was conducted on 2/28/07, and the test results were submitted on 4/6/07.</b></p>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>The pollution control equipment shall be operated and maintained in accordance to the operation and maintenance (O&amp;M) plan. The O&amp;M plan shall include, but is not limited to:</p> <ol style="list-style-type: none"> <li>(1) Operating parameters of the pollution control device;</li> <li>(2) Time table for the routine maintenance of the pollution control device as specified by the manufacturer;</li> <li>(3) Time table for routine periodic observations of the pollution control device sufficient to ensure proper operation;</li> <li>(4) A list of the type and quantity of the required spare parts for the pollution control device which are stored on the premises of the permit applicant;</li> <li>(5) A record log which will indicate, at a minimum: <ol style="list-style-type: none"> <li>a. When maintenance and observations were performed;</li> <li>b. What maintenance and observations were performed; and</li> <li>c. Who performed said maintenance and observations.</li> <li>d. Acceptable parameter ranges for each operational check.</li> </ol> </li> </ol> <p>[Pinellas County Code, Subsection 58-128]</p> <p><b>Comments: The facility concrete manufacturing operations is currently shutdown. The emission unit has not been in operation since 2006.</b></p>
<b>C. General Procedure Requirements and Conditions</b>			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>Administrative Corrections. Within thirty (30) days of any minor changes requiring corrections to information contained in the registration form, the owner or operator shall notify the Department in writing. Such changes shall include:</p> <ol style="list-style-type: none"> <li>1. Any change in the name, address, or phone number of the facility or authorized representative not associated with a change in ownership or with a physical relocation of the facility or any emissions units or operations comprising the facility; or</li> <li>2. Any other similar minor administrative change at the facility.</li> </ol> <p>62-210.310(2)(d), F.A.C.]</p> <p><b>Comments: Not applicable at this time.</b></p>

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>Equipment Changes. The owner or operator shall maintain records of all equipment changes. In the case of installation of new process or air pollution control equipment, alteration of existing process or control equipment without replacement, or replacement of existing process or control equipment with equipment substantially different in terms of capacity, method of operation, material processed, or intended use than that noted on the most recent registration form, the owner or operator shall submit a new and complete air general permit registration form for the facility with the appropriate fee pursuant to Rule 62-4.050, F.A.C. to the Department, provided, however, that any change that would constitute a new major stationary source, major modification, or modification that would be a major modification but for the provisions of paragraph 62-212.400(2)(a), F.A.C., shall require authorization by air construction permit. 62-210.310(2)(e), F.A.C.]</p> <p><b>Comments: Not applicable at this time.</b></p>
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<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>The owner or operator's use of an air general permit is limited to five (5) years. Prior to the end of the five (5) year term, the owner or operator who intends to continue using the air general permit for the facility shall re-register with the Department pursuant to subparagraph 62-210.310(2)(b)2., F.A.C. To avoid lapse of authority to operate, the owner or operator must submit the proper registration form and processing fee at least thirty (30) days prior to expiration of the facility's existing air general permit. The air general permit re-registration form shall contain all current information regarding the facility. [General Conditions - 62-210.310(3)(a), F.A.C.]</p> <p><b>Comments: The permit expires on 3/5/13. A new notification form is required to be submitted no later than 2/3/13.</b></p>
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**D. Other:**

<b>Pollution Prevention Activities</b>	
➤ P2 Handouts Provided: <input type="checkbox"/> P2 Brochure; <input type="checkbox"/> P2 Manual; <input type="checkbox"/> P2 Checklist	
➤ Have any emissions reductions occurred <input type="checkbox"/> Yes / <input type="checkbox"/> No _____	
<input type="checkbox"/> Chemical Substitution; <input type="checkbox"/> Equipment Changes; <input type="checkbox"/> Process Changes	
<input type="checkbox"/> Chemical/Material Reuse; <input type="checkbox"/> On-site Recycling; <input type="checkbox"/> Other: _____	
<b>Comments:</b>	

Closing Conference	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Comments: I told Ms. Gray emission unit is deemed to be in compliance.</b>	

**Other Comments: I explained to Mr. Lee that emission unit's onsite are different from emission unit's description on the General Permit Registration. I told Mr. Lee that they need a follow up letter amending the registration. He stated the emission unit has not been in operation since 2006. Mr. Lee stated they no plan to re-start the emission unit back up. The emission unit is not presently operating. According to Mr. Lee all manufacturing operations have been moved to Leesburg. He stated they only wanted to maintain the General Permit in case if they wanted to operate the emission unit.**

**Inspector(s):** Mike Ojo Thomas, Pinellas County, Air Quality Division

<b>Signature(s)</b>	Date: 5/22/08
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CONTACT LOG? \_\_yes\_\_, ACCESS? \_\_yes\_\_, ARMs? \_\_yes\_\_  
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