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Frank Ketchum  
Vice President – Bagging Operations  
Oldcastle APG South, Inc. dba Coastal  
5455 N. 59<sup>th</sup> St.  
Tampa, FL 33610

RE: Project No. 0570097-030-AC  
Oldcastle APG South, Inc. dba Coastal  
Replacement Baghouse for the Dry Mix Production Line

Dear Mr. Ketchum:

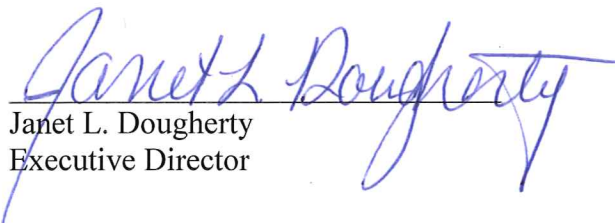
On June 30, 2016, you submitted a construction application to replace the baghouse on the dry mix production line at your concrete raw materials processing facility. The existing facility is located in Hillsborough County at 5455 North 59<sup>th</sup> Street, Tampa, FL 33610.

Enclosed are the following documents: the Written Notice of Intent to Issue Air Permit; the Public Notice of Intent to Issue Air Permit; the Technical Evaluation and Preliminary Determination; and the Draft Permit with Appendices. The Public Notice of Intent to Issue Air Permit is the actual notice that you must have published in the legal advertisement section of a newspaper of general circulation in the area affected by this project.

If you have any questions, please contact Diana M. Lee, P.E., Chief, Air Permitting, at (813) 627-2600 ext. 1276 or by email at [lee@epchc.org](mailto:lee@epchc.org).

Executed in Tampa, Florida.

Sincerely,

  
Janet L. Dougherty  
Executive Director

Enclosures

JLD/LAW/law

*Environmental Excellence in a Changing World*

**Roger P. Stewart Center**

**3629 Queen Palm Drive, Tampa, FL 33619 - (813) 627-2600 - [www.epchc.org](http://www.epchc.org)**

*An Affirmative Action / Equal Opportunity Employer*

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## WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

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*In the Matter of an*

*Application for Air Permit by:*

Oldcastle APG South, Inc. dba Coastal  
5455 North 59<sup>th</sup> Street  
Tampa, FL 33610

Project No. 0570097-030-AC  
Air Construction Permit

*Authorized Representative:*

Frank Ketchum, Vice President – Bagging  
Operations

Oldcastle APG South, Inc. dba Coastal  
Replacement Baghouse for Dry Mix Production Line  
Hillsborough County, Florida

**Facility Location:** Oldcastle APG South, Inc. dba Coastal operates the existing facility, which is located in Hillsborough County at 5455 North 59<sup>th</sup> Street in Tampa, FL 33610.

**Project:** The applicant applied for a construction permit to replace the existing baghouse on the dry mix production lines with a new, 15,800 dscfm baghouse. Details of the project are provided in the application and the enclosed Technical Evaluation and Preliminary Determination.

**Permitting Authority:** Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4 and 62-210 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Environmental Protection Commission of Hillsborough County is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's physical address is: 3629 Queen Palm Dr., Tampa, Florida 33619. The Permitting Authority's mailing address is: 3629 Queen Palm Dr., Tampa, Florida 33619. The Permitting Authority's telephone number is 813-627-2600.

**Project File:** A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at address indicated above for the Permitting Authority. The complete project file includes the draft permit, the Technical Evaluation and Preliminary Determination, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address or phone number listed above.

**Notice of Intent to Issue Permit:** The Permitting Authority gives notice of its intent to issue an air permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a final permit in accordance with the conditions of the draft permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

**Public Notice:** Pursuant to Section 403.815, F.S. and Rules 62-110.106 and 62-210.350, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Public Notice of Intent to Issue Air Permit (Public Notice). The Public Notice shall be published one time only as soon as possible in

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## WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

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the legal advertisement section of a newspaper of general circulation in the area affected by this project. The newspaper used must meet the requirements of Sections 50.011 and 50.031, F.S. in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the Permitting Authority at above address or phone number. Pursuant to Rule 62-110.106(5) and (9), F.A.C., the applicant shall provide proof of publication to the Permitting Authority at the above address within 7 days of publication. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rule 62-110.106(11), F.A.C.

**Comments:** The Permitting Authority will accept written comments concerning the draft permit for a period of 14 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of the 14-day period. If written comments received result in a significant change to the draft permit, the Permitting Authority shall revise the draft permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

**Petitions:** A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this written notice of Intent to Issue Air Permit. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the attached Public Notice or within 14 days of receipt of this written notice of Intent to Issue Air Permit, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. A petition for administrative hearing must contain the information set forth below and must be filed (received) in the Legal Department of the EPC at 3629 Queen Palm Drive, Tampa, Florida 33619, Phone 813-627-2600, Fax 813-627-260 before the deadline. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, any email address, telephone number and any facsimile number of the petitioner; the name, address any email address, telephone number, and any facsimile number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner,

## WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

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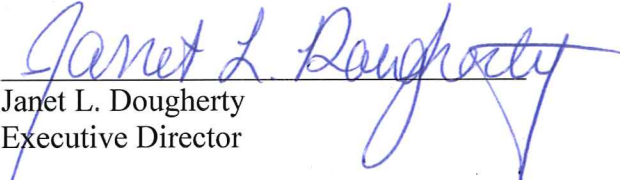
stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this written notice of Intent to Issue Air Permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

**Mediation:** Mediation is not available in this proceeding.

Executed in Tampa, Florida.

ENVIRONMENTAL PROTECTION  
COMMISSION OF HILLSBOROUGH COUNTY

  
Janet L. Dougherty  
Executive Director

## CERTIFICATE OF SERVICE

Frank Ketchum – Oldcastle APG South, Inc. dba Coastal [Frank.Ketchum@oldcastle.com](mailto:Frank.Ketchum@oldcastle.com)  
Cory Houchin, P.E. – Environmental Sciences Group, Inc. [houchinc@environmentalsciencesgroup.com](mailto:houchinc@environmentalsciencesgroup.com)

Clerk [Signature] Date 7/26/14



**PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT**  
**ENVIRONMENTAL PROTECTION COMMISSION**  
**OF HILLSBOROUGH COUNTY**  
Draft Air Construction Permit  
Draft Air Permit No. 0570097-030-AC  
Oldcastle APG South, Inc. dba Coastal  
Hillsborough County, FL

**Applicant:** The applicant for this project is Oldcastle APG South, Inc. dba Coastal. The applicant's authorized representative and mailing address is: Frank Ketchum, 5455 North 59<sup>th</sup> St., Tampa, FL 33610.

**Facility Location:** Oldcastle APG South, Inc. dba Coastal operates the existing facility, which is located in Hillsborough County at 5455 North 59<sup>th</sup> St., Tampa, FL 33610.

**Project:** This project to replace the existing baghouse on the dry mix production lines with a new baghouse. This project results in an increase in particulate matter emissions, however, the facility will remain a synthetic minor source of particulate matter emissions.

**Permitting Authority:** Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210 and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Permitting Authority responsible for making a permit determination for this project is the Environmental Protection Commission of Hillsborough County. The Permitting Authority's physical address is: 3629 Queen Palm Dr., Tampa, FL 33619. The Permitting Authority's mailing address is: 3629 Queen Palm Dr., Tampa, FL 33619. The Permitting Authority's phone number is 813-627-2600.

**Project File:** A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at the physical address indicated above for the Permitting Authority. The complete project file includes the Draft Permit, the Technical Evaluation and Preliminary Determination, the application and information submitted by the applicant (exclusive of confidential records under Section 403.111, F.S.). Interested persons may contact Diana M. Lee, P.E. for additional information at the address and phone number listed above. In addition, electronic copies of these documents are available on the following web site: <https://fldep.dep.state.fl.us/air/emission/apds/default.asp>.

**Notice of Intent to Issue Air Permit:** The Permitting Authority gives notice of its intent to issue an air construction permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

**Comments:** The Permitting Authority will accept written comments concerning the proposed Draft Permit for a period of 14 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of this 14-day period. If written comments received result in a significant change to the Draft Permit, the

Permitting Authority shall revise the Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

**Petitions:** A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the Public Notice or receipt of a written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. A petition for administrative hearing must contain the information set forth below and must be filed (received) in the Legal Department of the EPC at 3629 Queen Palm Drive, Tampa, Florida 33619, Phone 813-627-2600, Fax 813-627-260 before the deadline. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, any email address, telephone number and any facsimile number of the petitioner; the name, address any email address, telephone number, and any facsimile number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this Public Notice of Intent to Issue Air Permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

**Mediation:** Mediation is not available in this proceeding.



**TECHNICAL EVALUATION**  
**&**  
**PRELIMINARY DETERMINATION**

**APPLICANT**

Oldcastle APG South, Inc. dba Coastal  
5455 North 59<sup>th</sup> St.  
Tampa, FL 33610  
Facility ID No. 0570097

**PROJECT**

Project No. 0570097-030-AC  
Application for an Air Construction Permit  
Replacement of the Dry Mix Production Lines Baghouse

**COUNTY**

Hillsborough County, Florida

**PERMITTING AUTHORITY**

Environmental Protection Commission of Hillsborough County  
3629 Queen Palm Dr.  
Tampa, FL 33619

July 26, 2016



## **1. GENERAL PROJECT INFORMATION**

### **• Air Pollution Regulations**

Projects at stationary sources with the potential to emit air pollution are subject to the applicable environmental laws specified in Section 403 of the Florida Statutes (F.S.). The statutes authorize the Department of Environmental Protection (Department) to establish regulations regarding air quality as part of the Florida Administrative Code (F.A.C.), which includes the following applicable chapters: 62-4 (Permits); 62-204 (Air Pollution Control – General Provisions); 62-210 (Stationary Sources – General Requirements); 62-212 (Stationary Sources – Preconstruction Review); 62-213 (Operation Permits for Major Sources of Air Pollution); 62-296 (Stationary Sources - Emission Standards); and 62-297 (Stationary Sources – Emissions Monitoring). Specifically, air construction permits are required pursuant to Chapters 62-4, 62-210 and 62-212, F.A.C.

In addition, the U. S. Environmental Protection Agency (EPA) establishes air quality regulations in Title 40 of the Code of Federal Regulations (CFR). Part 60 specifies New Source Performance Standards (NSPS) for numerous industrial categories. Part 61 specifies National Emission Standards for Hazardous Air Pollutants (NESHAP) based on specific pollutants. Part 63 specifies NESHAP based on the Maximum Achievable Control Technology (MACT) for numerous industrial categories. The Department adopts these federal regulations in Rule 62-204.800, F.A.C.

### **Glossary of Common Terms**

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of this permit.

### **Facility Description and Location**

Oldcastle APG South, Inc. dba Coastal is a concrete raw materials processing facility and is categorized under Standard Industrial Classification Code No. 3272 – Concrete Products. The existing facility is located in Hillsborough County at 5455 North 59<sup>th</sup> St., Tampa, FL 33610. The UTM coordinates of the existing facility are Zone 17, 363.6 km East, and 3098.1 km North. This site is in an area that is in attainment (or designated as unclassifiable) for all air pollutants subject to Ambient Air Quality Standards (AAQS), except for ozone. Hillsborough County is designated as an air quality maintenance area for ozone.

### **Facility Regulatory Categories**

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility is not a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

### **Project Description**

This permit authorizes the replacement of the baghouse on the dry mix production lines (EU No. 104). The existing 6,250 dscfm Mikro-Pulse Jet, Model No. 81-S-10-20, baghouse will be replaced with a new, 15,800 dscfm, C&W, Model No. CP-3040-3578, dust collector, or equivalent. The new baghouse will also control emissions from new additional pick up points from the process.

## Processing Schedule

June 30, 2016 - Received the application for an air pollution construction permit.

Not Applicable - Requested additional information.

June 30, 2016 - Application Complete.

## 2. DEPARTMENT REVIEW

This permit authorizes the replacement of the baghouse on the dry mix production lines (EU No. 104). The existing 6,250 dscfm Mikro-Pulse Jet, Model No. 81-S-10-20, baghouse will be replaced with a new, 15,800 dscfm, C&W, Model No. CP-3040-3578, dust collector, or equivalent at the concrete raw materials processing facility.

The dry mix production lines package sand, aggregates, and other materials from the rotary kiln dryer and the shaker room into bags. The materials from the rotary kiln dryer and the shaker room drop into aggregate scales where they are weighed. The materials from the scales are combined in a hopper and transferred onto a screw conveyor. The conveyor transfers the material to the dry mix production lines, which consist of two manual bagging/packing stations. After bagging, the bags are placed on a conveyor belt and stacked onto pallets for shipment offsite.

The particulate matter (PM) emissions from this operation will be controlled by the baghouse described above. The increase in the baghouse air flow rate results in an increase of PM emissions from 6.0 tons/year to 15.2 tons/year for EU No. 104. This results in an increase in facility-wide PM emissions from 34.1 tons/year to 43.3 tons/year.

This project is subject to Rules 62-296.700, F.A.C. - Reasonably Available Control Technology (RACT) Particulate Matter and 62-296.711, F.A.C. - Materials Handling, Sizing, Screening, Crushing and Grinding Operations. In addition, this project is subject to Ch. 1-3, Rules of the EPCHC. These regulations limit the PM emissions rate to 0.03 gr/dscf and the visible emissions to a 5% opacity standard.

## Summary of Emissions

Emission Unit 104	Potential PM Emissions (TPY)	Actual PM Emissions (TPY)	Emissions Increase (TPY)	Allowable Emissions
Dry Mix Production Lines	15.2	0.4	14.8	0.03 gr/dscf and 5% opacity

- The actual emissions are based on the average of 2015 and 2014 AOR data.
- The potential PM emissions are based on an emission factor of 0.03 gr/dscf from Rule 62-296.711, F.A.C., an airflow rate of 15,800 dscfm, and 7,488 hours of operation per year.

**Local Requirements**

Rules of the EPCHC, Chapter 1-3 - Stationary Air Pollution and Ambient Air Quality Standards

**State Requirements**

Rule 62-296.320, F.A.C. - General Pollutant Emission Limiting Standards

Rule 62-296.700, F.A.C. – Reasonably Available Control Technology (RACT) Particulate Matter

Rule 62-296.711, F.A.C. - Materials Handling, Sizing, Screening, Crushing and Grinding Operations

**Federal NSPS Provisions**

NA

**3. PRELIMINARY DETERMINATION**

The Department makes a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations as conditioned by the draft permit. This determination is based on a technical review of the complete application, reasonable assurances provided by the applicant, and the conditions specified in the draft permit. No air quality modeling analysis is required because the project does not result in a significant increase in emissions. Lora Webb is the project engineer responsible for reviewing the application and drafting the permit. Additional details of this analysis may be obtained by contacting Lora Webb or Diana M. Lee, P.E. Chief, Air Permitting, at (813) 627-2600 or by email at [webbl@epchc.org](mailto:webbl@epchc.org) or [lee@epchc.org](mailto:lee@epchc.org).



#### COMMISSION

Kevin Beckner  
Victor D. Crist  
Ken Hagan  
Al Higginbotham

Lesley "Les" Miller, Jr.  
Sandra L. Murman  
Stacy White

**EXECUTIVE DIRECTOR**  
Janet L. Dougherty

#### DIVISION DIRECTORS

Legal & Admin.	Richard Tschantz, Esq.
Air Management	Jerry Campbell, P.E.
Waste Management	Hooshang Boostani, P.E.
Water Management	Sam Elrabi, P.E.
Wetlands Management	Kelly Bishop, P.G.

#### PERMITTEE

Oldcastle APG South, Inc. dba Coastal  
5455 North 59<sup>th</sup> Street  
Tampa, FL 33610

Air Permit No. 0570097-030-AC  
Permit Expires: January 30, 2018

Authorized Representative:  
Frank Ketchum, Vice President – Bagging Operations

Air Construction Permit  
Dry Mix Production Lines Baghouse

#### PROJECT

This air construction permit authorizes the construction of a new, 15,800 dscfm, C&W, Model No. CP-3040-3578, dust collector, or equivalent for the dry mix production lines (EU No. 104). The proposed work will be conducted at the existing facility, which is a concrete raw materials processing facility categorized under Standard Industrial Classification No. 3272 – Concrete Products. The existing facility is located in Hillsborough County at 5455 North 59<sup>th</sup> St., Tampa, FL 33610. The UTM coordinates of the existing facility are Zone17, 363.6 km East, and 3098.1 km North.

This permit is organized into the following sections: Section 1 (General Information); Section 2 (Administrative Requirements); Section 3 (Emissions Unit Specific Conditions); and Section 4 (Appendices). Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

#### STATEMENT OF BASIS

This air pollution construction permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Executed in Tampa, Florida.

**ENVIRONMENTAL PROTECTION  
COMMISSION OF HILLSBOROUGH COUNTY**

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Janet L. Dougherty  
Executive Director

*Environmental Excellence in a Changing World*

**Roger P. Stewart Center**

**3629 Queen Palm Drive, Tampa, FL 33619 - (813) 627-2600 - [www.epchc.org](http://www.epchc.org)**

*An Affirmative Action / Equal Opportunity Employer*

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that this written notice of Intent to Issue Air Permit package (including the Public Notice of Intent to Issue Air Permit, the Technical Evaluation and Preliminary Determination and the draft permit with Appendices) was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested, or was sent via mail, before the close of business on the date indicated below to the following persons.

Frank Ketchum – Oldcastle APG South, Inc. dba Coastal [Frank.Ketchum@oldcastle.com](mailto:Frank.Ketchum@oldcastle.com)  
Cory Houchin, P.E. – Environmental Sciences Group, Inc. [houchinc@environmentalsciencesgroup.com](mailto:houchinc@environmentalsciencesgroup.com)

**FILING AND ACKNOWLEDGMENT FILED**, on this date,  
pursuant to Section 120.52(7), Florida Statutes, with the designated  
agency clerk, receipt of which is hereby acknowledged.

\_\_\_\_\_  
Clerk

\_\_\_\_\_  
Date

**PROPOSED PROJECT**

This permit authorizes the replacement of the baghouse on the dry mix production lines (EU No. 104). The existing 6,250 dscfm Mikro-Pulse Jet, Model No. 81-S-10-20, baghouse will be replaced with a new, 15,800 dscfm, C&W, Model No. CP-3040-3578, dust collector, or equivalent at the concrete raw materials processing facility. The new baghouse will also control emissions from new additional pick up points from the process.

The dry mix production lines package sand, aggregates, and other materials from the rotary kiln dryer and the shaker room into bags. The materials from the rotary kiln dryer and the shaker room drop into aggregate scales where they are weighed. The materials from the scales are combined in a hopper and transferred onto a screw conveyor. The conveyor transfers the material to the dry mix production lines, which consist of two manual bagging/packing stations. After bagging, the bags are placed on a conveyor belt and stacked onto pallets for shipment offsite.

This project will modify the following emissions unit.

EU No.	Brief Description
<i>Regulated Emissions Units</i>	
104	Dry Mix Production Lines

**FACILITY REGULATORY CLASSIFICATION**

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility does not operate units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.

References Permit No.: 0570097-029-AO

Replace Permit No.: NA



## SECTION 2. ADMINISTRATIVE REQUIREMENTS (DRAFT)

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**FW1. Permitting Authority:** The permitting authority for this project is the Environmental Protection Commission of Hillsborough County. The mailing address is 3629 Queen Palm Dr., Tampa, Florida 33619. All documents related to applications for permits to operate an emissions unit shall be submitted to the Environmental Protection Commission of Hillsborough County.

**FW2. Compliance Authority:** All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Environmental Protection Commission of Hillsborough County at: 3629 Queen Palm Dr., Tampa, Florida 33619.

**FW3. Appendices:** The following Appendices are attached as a part of this permit: Appendix A (Citation Formats and Glossary of Common Terms); Appendix B (General Conditions); Appendix C (Common Conditions); and Appendix D (Common Testing Requirements).

**FW4. Applicable Regulations, Forms and Application Procedures:** Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.

**FW5.** All applicable rules of the Environmental Protection Commission of Hillsborough County including design discharge limitations specified in the application shall be adhered to. The permit holder may also need to comply with county, municipal, federal, or other state regulations prior to construction. [Rule 62-4.070(7), F.A.C.]

**FW6. New or Additional Conditions:** For good cause shown and after notice and an administrative hearing, if requested, the EPCHC may require the permittee to conform to new or additional conditions. The EPCHC shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the EPCHC may grant additional time. [Rule 62-4.080, F.A.C.]

**FW7. Modifications:** The permittee shall notify the Compliance Authority upon commencement of construction. No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the EPCHC. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]

**FW8. General Visible Emissions.** No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20% opacity. Emissions from the following types of activities in Hillsborough County are further subject to a general 5% opacity standard: loading or unloading of materials to or from containers such as rail cars, trucks, ships, storage structures and stockpiles; permanent conveyor systems; storage of materials in structures such as silos or enclosed bins, which have a storage capacity of fifty cubic yards or more; crushing, grinding, sizing and screening operations; and, static drop transfer points. [Rule 62-296.320(4)(b)1, F.A.C. and Rule 1-3.52, HCEPC]

**FW9.** When the Environmental Protection Commission of Hillsborough County (EPC) after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a rule or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit, unless the EPC obtains other information sufficient to demonstrate compliance. The owner or operator of the emissions unit shall provide a report on the results of said tests to the EPC in accordance with the provisions of subsection 62-297.310(10), F.A.C. [Rule 62-297.310(8)(c), F.A.C.]

**FW10. Emissions of Unconfined Particulate Matter.** The owner or operator shall take reasonable precautions to control unconfined emissions from hoppers, storage and conveying equipment, conveyor drop points, truck unloading, roads, parking areas, stock piles, and yards as required by Rule 62-296.320(4)(c), F.A.C. For this facility, the following shall constitute reasonable precautions: [Rule 62-4.070(3), F.A.C.]

- A) Paving and maintenance of roads, parking areas, and yards. Paved area shall be cleaned to reduce airborne particulate matter.
- B) Application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions.
- C) 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. A street sweeper may be used to remove the particulate matter from the paved areas, as necessary.
- D) Reduction of stock pile height or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles.
- E) Limit vehicular traffic to 10 MPH.

**FW11. Construction and Expiration:** The expiration date shown on the first page of this permit provides time to complete the physical construction activities authorized by this permit, complete any necessary compliance testing, and obtain an operation permit. Notwithstanding this expiration date, all specific emissions limitations and operating requirements established by this permit shall remain in effect until the facility or emissions unit is permanently shut down. For good cause, the permittee may request that that a permit be extended. Pursuant to Rule 62-4.080(3), F.A.C., such a request shall be submitted to the Permitting Authority in writing before the permit expires. [Rules 62-4.070(4), 62-4.080 & 62-210.300(1), F.A.C.]

**FW12. Application for a Non-Title V Operating Permit:** This permit authorizes construction of the permitted emissions unit(s) and initial operation to determine compliance with Department rules. A Non-Title V air operation permit is required for regular operation of the permitted emissions unit. The permittee shall apply for a Non-Title V air operation permit at least 90 days prior to expiration of this permit, but no later than 60 days after completion of the compliance testing. To apply for a Non-Title V operation permit, the applicant shall submit the appropriate application form, the appropriate permitting fee, compliance test results, an Operation and Maintenance Plan for the new baghouse, and such additional information as the Department may by law require. The application

## SECTION 2. ADMINISTRATIVE REQUIREMENTS (DRAFT)

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shall be submitted to the Environmental Protection Commission of Hillsborough County. [Rules 62-4.030 and 62-4.050, F.A.C.]

**FW13. Annual Operating Report (AOR):** The information required by the Annual Operating Report for Air Pollutant Emitting Facility (DEP Form No. 62-210.900(5)) shall be submitted by April 1 of each year, for the previous calendar year, to the Environmental Protection Commission of Hillsborough County. All synthetic non-Title V sources shall submit a completed DEP Form 62-210.900(5) unless the annual operating report is submitted using the DEP's electronic annual operating report software. Emissions shall be computed in accordance with the provisions of subsection 62-210.370(2), F.A.C. [Rule 62-210.370(3), F.A.C.]

*{Permitting Note: Resources to help you complete your AOR are available on the electronic AOR (EAOR) website at: <http://www.dep.state.fl.us/air/emission/eaor>. If you have questions or need assistance after reviewing the information posted on the EAOR website, please contact the Department by phone at (850) 717-9000 or email at [eaor@dep.state.fl.us](mailto:eaor@dep.state.fl.us)}*

**FW14.** The use of property, facilities, equipment, processes, products, or compounds, or the commission of paint overspraying or any other act, that causes or materially contributes to a public nuisance is prohibited. [Hillsborough County Environmental Protection Act, Section 16, Chapter 84-446, Laws of Florida, as Amended.]

**FW15.** If the permittee wishes to transfer this permit to another owner, an "Application for Transfer of Air Permit" (DEP Form 62-210.900(7)) shall be submitted, in duplicate, to the Environmental Protection Commission of Hillsborough County within 30 days after the sale or legal transfer of the permitted facility. [Rule 62-4.120, F.A.C.]

### SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)

#### A. EU 104 - Dry Mix Production Lines

This section of the permit addresses the following emissions unit.

<b>EU ID No. 104</b>	<b>Dry Mix Production Lines</b>
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#### EQUIPMENT

**A.1. Equipment.** The permittee is authorized to construct a 15,800 dscfm, C&W, Model No. CP-3040-3578, dust collector or equivalent. [Rule 62-4.070(3), F.A.C. and Permit Application Received June 30, 2016]

#### PERFORMANCE RESTRICTIONS

**A.2. Permitted Capacity.** The following restrictions shall apply to the Dry Mix Production Lines (EU No. 104): [Rule 62-4.070(3), F.A.C. and Permit No. 0570097-028-AC]

- A) The maximum packing / bagging rate shall not exceed 60 tons/hour
- B) The maximum packing/bagging rate shall not exceed 449,280 tons per twelve consecutive month period.

**A.3. Hours of Operation.** The hours of operation of this emission unit shall not exceed 7,488 hours per twelve consecutive month period. [Rule 62-210.200(PTE), F.A.C., and Permit Application Received June 17, 2016]

#### EMISSIONS STANDARDS

**A.4.** In order to limit the potential to emit, the maximum particulate matter emissions from the Dry Mix Production Lines (EU No. 104) baghouse shall not exceed 0.03 gr/dscf, and 15.2 tons in any twelve consecutive month period. [Rules 62-296.711(2)(b) and 62-210.200(PTE), F.A.C.; Chapter 1-3.51, Rules of the Environmental Protection Commission of Hillsborough County; and Permit Application Received June 30, 2016]

**A.5.** The permittee shall not cause, permit, or allow any visible emissions (five percent opacity) from any activity, transfer point, or from the baghouse exhaust associated with the Dry Mix Production Lines (EU No. 104). [Rules 62-296.711(2)(a), F.A.C., Chapter 1-3.52, Rules of the Environmental Protection Commission of Hillsborough County]

#### TEST METHODS AND PROCEDURES

**A.6.** In order to demonstrate compliance with Specific Condition No. A.4., test the emission unit for particulate matter emissions within 60 days of completion of construction and submit two copies of the test data to the Air Management Division of the Environmental Protection Commission of Hillsborough County within forty-five days of such testing. Testing procedures shall be consistent with the requirements of Rule 62-297.310, F.A.C. [Rules 62-297.310(8)(a)2. and (10) and 62-4.070(3), F.A.C.]

### SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)

#### A. EU 104 - Dry Mix Production Lines

**A.7.** In order to demonstrate compliance with Specific Condition No. A.5., test the emission unit at the point of highest opacity for visible emissions within 60 days of completion of construction and annually thereafter. Submit two copies of the test data to the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of such testing. Testing procedures shall be consistent with the requirements of Rule 62-297, F.A.C. [Rule 62-297.310(8)(b)1. and (10), F.A.C. and Ch. 1-3.52 of the Rules of the EPCHC]

**A.8.** Compliance with the emission limitations of Specific Condition Nos. A.4. and A.5. shall be determined using EPA Methods 1, 2, 3, 4, 5 and 9 contained in 40 CFR 60, Appendix A and adopted by reference in Rule 62-297, F.A.C. The EPA Method 9 test shall be a minimum of thirty (30) minutes in duration. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 62-297, F.A.C. and 40 CFR 60, Appendix A. [Rules 62-296.711(3)(a) and (b) and 62-297.310(5)(b), F.A.C.]

**A.9.** Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 90-100% of the rated capacity of 60 ton/hr of the dry mix bagging operation. If it is impracticable to test at the testing capacity, an emissions unit may be tested at less than the testing capacity. If an emissions unit is tested at less than the testing capacity, another emissions test shall be conducted and completed no later than 60 days after the emissions unit operation exceeds 110% of the capacity at which its most recent emissions test was conducted. Failure to submit the bagging rate may invalidate the test. [Rules 62-4.070(3) and 62-297.310(3), F.A.C.]

**A.10.** At least 15 days prior to the date on which each required emissions test (Specific Condition Nos. A.6. and A.7.) is to begin, the owner or operator shall notify the EPC, unless shorter notice is agreed to by the EPC. The notification shall include the date, time, place of each such test, Facility ID Number, Emission Unit ID Number(s) and description(s), Emission Point Number(s) and description(s), test method(s), pollutant(s) to be tested, along with the name and telephone number of the person who will be responsible for conducting such test(s) for the owner or operator. If a scheduled emissions test needs to be re-scheduled, the owner or operator shall submit to the EPC a revised notification at least seven days prior to the re-scheduled emissions test date or arrange a re-scheduled test date with the EPC by mutual agreement. [Rule 62-297.310(9), F.A.C.]

**A.11. Test Methods:** Required tests shall be performed in accordance with the following reference methods.

Method	Description of Method and Comments
1-4	Traverse Points, Velocity and Flow Rate, Gas Analysis, and Moisture Content
5	Determination of particulate matter emissions from stationary sources
9	Visual Determination of the Opacity of Emissions From Stationary Sources

The above methods are described in Appendix A of 40 CFR 60 and are adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rules 62-204.800, F.A.C.; and Appendix A of 40 CFR 60]

### SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)

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#### A. EU 104 - Dry Mix Production Lines

##### RECORDS AND REPORTS

**A.12.** In order to demonstrate compliance with Specific Condition Nos. A.2. and A.3., the permittee shall maintain records of operation for the most recent three (3) year period. The records shall be made available to the Environmental Protection Commission of Hillsborough County, state or federal air pollution agency upon request. The records shall include, but not limited to, the following: [Rule 62-4.070(3), and 62-4.160(14), F.A.C.]

- A) Day, Month, Year
- B) Throughput of product bagged in tons
- C) Hours of Operation
- D) Monthly and 12-month rolling totals of B) and C) above