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**EXECUTIVE DIRECTOR**  
Richard D. Garrity, Ph.D.

**ENVIRONMENTAL PROTECTION COMMISSION OF  
HILLSBOROUGH COUNTY, as Delegated by**

**STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**NOTICE OF PERMIT**

Mr. Mike Stacey  
Manager – Plants and Materials  
Tampa Pavement Constructors  
a Subsidiary of Hubbard Construction Co., Inc.  
1936 Lee Road, Suite 101  
Winter Park, FL 32789-7229

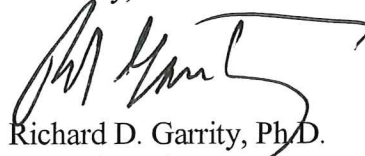
Dear Mr. Stacey:

Enclosed is Permit No. 0571337-007-AC for the modification at Tampa Pavement Constructors, Tampa facility, which includes the replacement of their drum mix asphalt plant and increases in the virgin aggregate/RAP throughputs, as well as RAP crusher process rate, issued pursuant to Section 403.087, Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the EPC in the Legal Department at 3629 Queen Palm Dr, Tampa, FL 33619; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Notice is filed with the clerk of the EPC.

Executed in Tampa, Florida.

Sincerely,



Richard D. Garrity, Ph.D.  
Executive Director

RDG/KRZ/krz

cc: Roger Caldwell – Bottorf Associates, Inc. (roger@bottorf.com)  
Alan Zahm, P.E. – AZ Air Consulting, LLC (alanzahm@embarqmail.com)

*An agency with values of environmental stewardship, fairness, and cooperation*  
**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

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on June 8, 2015 to the listed persons.

Clerk Stamp

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

Jeannette Figare  
Clerk

6/8/15  
Date

FINAL DETERMINATION

FOR

Tampa Pavement Constructors, a Subsidiary of Hubbard Construction Co., Inc.

Hillsborough County

FESOP Permit

Application Number

0571337-007-AC

Environmental Protection Commission of

Hillsborough County

Tampa, FL

June 8, 2015

The Environmental Protection Commission of Hillsborough County mailed a public notice package on April 8, 2015 to Tampa Pavement Constructors, a Subsidiary of Hubbard Construction Co., Inc., a hot mix asphalt facility, located at 5430 56th Street, Tampa, FL 33610.

The construction permit authorizes the following modifications; <sup>(1)</sup> the replacement of the 225 TPH Milemaker dual-drum, counter-flow hot mix asphalt (HMA) plant with a 400 TPH Gencor Ultradrums counter-flow HMA plant; <sup>(2)</sup> the increase in the virgin aggregate/RAP annual throughputs to 500,000/250,000 tons/yr, respectively; and <sup>(3)</sup> the increase in the RAP crusher hourly/annually process rates to 350-tph/250,000-tpy. The maximum annual production rate of asphalt concrete will remain at 500,000 tons/year.

The Public Notice of Intent to Issue was published on May 22, 2015 in the Tampa Bay Times.

No comments were received from the public since the Intent was published.

The final action of the Environmental Protection Commission of Hillsborough County is to issue the final permit.

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#### PERMITTEE:

Tampa Pavement Constructors  
a Subsidiary of Hubbard Construction Co., Inc.  
5430 56<sup>th</sup> St.  
Tampa, FL 33610

#### PERMIT/CERTIFICATION

Permit No: 0571337-007-AC  
County: Hillsborough  
Expiration Date: March 30, 2017  
Project: New 400-TPH HMA Plant

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 62-204, 62-210, 62-212, 62-296, 62-297, and 62-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the EPC and made a part of hereof and specifically described as follows:

This permit authorizes the following modifications; <sup>(1)</sup> the replacement of the 225 TPH Milemaker dual-drum, counter-flow hot mix asphalt (HMA) plant with a 400 TPH Gencor Ultradrum counter-flow HMA plant; <sup>(2)</sup> the increase in the virgin aggregate/RAP annual throughputs to 500,000/250,000 tons/yr, respectively; and <sup>(3)</sup> the increase in the RAP crusher hourly/annually process rates to 350-tph/250,000-tpy. The maximum annual production rate of asphalt concrete will remain at 500,000 tons/year.

Tampa Pavement Constructors (TPC), a Subsidiary of Hubbard Construction Co., Inc. produces hot mix asphalt that is used to pave roads and various other jobs. The process begins by loading virgin aggregates into eight cold feed bins (hoppers). The feed bins are regulated by variable speed drives in order to proportion the desired amounts of each different aggregate onto a conveyor belt. The aggregates cross a scalping screen to remove any oversize aggregates. The properly sized aggregates are transferred to a scale conveyor belt and are conveyed into the asphalt plant dryer.

Recycled Asphalt Product (RAP) is also used in the production process. RAP is loaded into two feed bins (hopper). The materials are gravity fed onto a conveyor belt, which conveys the material to a screener. The properly sized material is gravity fed onto the conveyor belt, which conveys the material into the asphalt plant mixing drum. Oversized material is conveyed from the screener to a lump breaker. The material from the lump breaker is conveyed back to the screener to be screened again. The RAP is mixed in the mixing drum with asphalt cement oil, lime, and virgin aggregates from the dryer. The lime is pumped from a 60-ton silo to the mixing drum as needed. The lime silo is ducted to the asphalt plant dust collector/baghouse (Model No. CFS 182) with a maximum anticipated lime annual usage is 750 tons. The asphalt concrete is discharged from the mixing drum onto a slat conveyor, which conveys the asphalt concrete into one of four 200-ton storage silos. The asphalt is gravity fed into trucks using one truck loadout scale station.

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The new asphalt plant equipment will consist of a 400 TPH Gencor Ultradrums counter-flow drum mix asphalt plant equipped with a 52,000 dscfm Gencor baghouse (Model No. CFS 182). The HMA plant dryer will be equipped with a burner rated at 135 MMBtu/hr and an exhaust fan in order to heat and dry the materials to the desired temperature to achieve the final product (asphalt concrete). The dryer is capable of firing "on-specification" reclaimed fuel oil, No. 5 residual fuel oil, No. 2 distillate fuel oil, or natural gas (primary fuel). Particulate matter emissions generated during the drying process are controlled by the baghouse. The material collected in the baghouse will be returned via a series of enclosed screw and pneumatic conveyors to the mixing drum to be mixed into the final product.

A portable RAP crusher owned by TPC or by a different company is brought to the facility from time to time to crush the RAP into a size that can be used in the manufacturing of new hot mix asphalt. Since the RAP crushing system is a portable unit, it is authorized to operate under a separate air general permit in accordance with Rule 62-210.310(5)(e)5., F.A.C. PM emissions are controlled by the application of water as necessary. The RAP crushing operation will be limited to a maximum RAP processing rate of 350 ton/hr and 250,000 ton/yr. The RAP crushing system, which includes a diesel engine to drive a RAP crusher and power a generator, uses No. 2 fuel oil (diesel) with a maximum sulfur content of 0.5%. PM emissions from the virgin aggregates and RAP handling operations are controlled by the use of partial enclosures and the application of water as necessary.

The asphalt plant is subject to 40 CFR 60 Subpart I - Standards of Performance for Hot Mix Asphalt Facilities. In addition, the portable RAP crusher may be subject to 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants. However, the lump breaker associated with the RAP Feed System is not subject to 40 CFR 60 Subpart OOO pursuant to 40 CFR 60.670(a)(1).

The following is a summary of the emission units (EU) under this modification at the facility.

**EU 006: RAP Feed System:**

Emission Point Description	
1) Drop to RAP Bins	2) Bins to Bin Conveyor
3) Bins Conveyor to Collecting Conveyor	4) Collecting Conveyor to Screen
5) Screen	6) Screen to Loop Conveyor
7) Loop Conveyor to Lump Breaker	8) Lump Breaker
9) Lump Breaker to Collector Conveyor	10) Screen to Drum Conveyor
11) Drum Conveyor to Drum Mixer	

**EU 007: Portable RAP Crushing System and EU 008: Diesel Engine and Power Generation for RAP Crusher:**

The RAP crushing operation will be limited to a maximum RAP processing rate of 350 ton/hr and 250,000 ton/yr. The diesel engine that drives a RAP crusher and power a generator will burn No. 2 fuel oil (diesel) up to 59,600 gal/yr with a maximum sulfur content of 0.5%.

**EU 009: Drum Mix Asphalt Plant (400 TPH):** This emission unit also includes one 20,000 gallons and three 30,000 gallons storage tanks that store the liquid asphalt cement (AC) oil that is sent to the mixing drum where it is mixed with RAP and virgin aggregate material.

<b>Emission Point Description</b>
1) Gencor Ultradrum counter-flow asphalt plant with mixer and dryer
2) Mixer to Storage Silo Elevator Conveyor
3) Four 200-ton Asphalt Product Storage Silos
4) One Truck Loadout Scale Station
5) One Lime Silo vented to HMA plant baghouse (Model No. CFS 182)

**EU 010: Virgin Aggregate Feed System:**

<b>Emission Point Description</b>
1) Drop to Virgin Bins
2) Bins to Bin Conveyor
3) Transfer to Collecting Conveyor
4) Collecting Conveyor to Screen
5) Screen
6) Screen to Drum Mixer Conveyor
7) Drum Mixer conveyor to Drum Mixer

The following are emission sources that are also associated with the asphalt processing but are exempt from permitting pursuant to Rule 62-210.300(3)(b)1.

- \* Two vertical (20,000-gal and 8,000-gal) and one vertical (20,000-gal) diesel fuel storage tanks
- \* One 2.0 MMBtu/hr Hot Oil Heater, which supplies heat to the asphalt storage silos to maintain the asphalt in liquid form.

Location: 5430 56<sup>th</sup> Street, Tampa, Hillsborough County, FL

Initial UTM Coordinates: 17-362.9 East 3097.7 North

Facility ID No.: 0571337

Emission Unit (EU) ID:

- 006 - RAP Feed System
- 007 - Portable RAP Crushing System (350 TPH)
- 008 - Diesel Engine and Power Generator for RAP Crusher
- 009 - Hot Mix Asphalt Plant (400 TPH)
- 010 - Virgin Aggregate Feed System

References Permit Nos.: 0571337-001/004-AC and 0571337-006-AF



PERMITTEE:  
Tampa Pavement Constructors  
Tampa, Florida

Permit/Certification No.: 0571337-007-AC  
Project: New 400 TPH HMA Plant

**PERMIT CONDITIONS:**

**A. Facility Wide Conditions.**

A.1. A part of this permit is the attached 15 General Conditions. [Rule 62-4.160, F.A.C.]

A.2. Issuance of this permit does not relieve the permittee from complying with applicable emission limiting standards or other requirements of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, or any other requirements under federal, state or local law.  
[Rule 62-210.300, F.A.C.]

A.3. Hillsborough County Requirements. 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.]

A.4. Public Nuisance Prohibited. 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, pursuant to the Hillsborough County Environmental Protection Act, Section 16, Chapter 84-446, Laws of Florida, as Amended.

A.5. General Visible Emission (VE) Limit. Unless otherwise specified in this permit, visible emissions shall not be equal to or greater than 20% opacity.  
[Rule 62-296.320(4)(b)(1), F.A.C.]

A.6. Potential to Emit. In order to limit the potential to emit, the maximum facility-wide PM emissions in any consecutive 12-month period shall not exceed 67.2 TPY.  
[Rule 62-4.070(3), F.A.C. and Air Construction Permit Application received on March 9, 2015]

A.7. Objectionable Odor. The facility shall not cause, suffer, allow, or permit the discharge of air pollutants that cause or contribute to an objectionable odor. An objectionable odor is any odor present in the outdoor atmosphere which by itself, or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance.  
[Rules 62-210.200(200) and 62-296.320(2), F.A.C.]

A.8. Unconfined Emissions of Particulate Matter (PM). All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provisions in Rule 62-296.320, F.A.C. These provisions are applicable to any source, including but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling. Reasonable precautions shall include, but are not limited to, the following:  
[Rule 62-4.070(3) and 62-296.320(4)(c), F.A.C.]

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Tampa, Florida

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Project: New 400 TPH HMA Plant

**PERMIT CONDITIONS:**

- a. Paving and maintenance of roads, parking areas, and yards or the application of water to unpaved roads, parking areas, and yards to control emissions.
- b. RAP and aggregate material shall be wetted, as necessary, prior to and during handling, including screening and crushing.
- c. Stockpiles of RAP and aggregate shall be adequately wetted and/or tarped as needed.
- d. Removal of PM from paved roads to prevent re-entrainment, and from building and work areas to prevent particulates from becoming airborne; however, dry sweeping is prohibited.
- e. Landscaping or planting of vegetation.

A.9. Excess Emissions. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may be reasonably prevented during start-up, shutdown, or malfunction shall be prohibited. [Rule 62-210.700(4), F.A.C.]

A.10. Circumvention. [40 CFR 60.12, Rule 62-210.650, F.A.C.]

- a. No person shall circumvent any air pollution control device, or allow the emission of air pollutants without the applicable device operating properly.
- b. No owner or operator subject to the provisions of 40 CFR 60.12 shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

A.11. Asbestos Containing Materials. This facility shall not process Asbestos Containing Materials (ACM), whether regulated asbestos containing material (RACM), category I or category II, and whether friable or non-friable when received at the facility.

[40 CFR 61, Subpart M; Chapter 62-257, F.A.C.; Rule 62-701.520, F.A.C.]

- a. "Asbestos" means the asbestiform varieties of serpentinite (chrysotile), riebeckite (crocidolite), cummingtonite-grunerite, anthophyllite, and actinolite-tremolite and includes trade acronyms products such as amosite.
- b. "Asbestos-containing materials", ACM, means any materials which contain more than one percent asbestos as determined by Polarized Light Microscopy. Based on a representative composite sample.

PERMITTEE:  
Tampa Pavement Constructors  
Tampa, Florida

Permit/Certification No.: 0571337-007-AC  
Project: New 400 TPH HMA Plant

**PERMIT CONDITIONS:**

- c. "Asbestos removal project" means renovation or demolition operation in a facility that involves the removal of a threshold amount of regulated asbestos-containing material.
- d. "Category I Nonfriable Asbestos-Containing Material (ACM)" means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1 percent asbestos as determined using the method specified in Appendix A, Subpart F, 40 CFR Part 763, Section 1, Polarized Light Microscopy.
- e. "Category II Non-friable ACM" means any material, excluding Category I Nonfriable ACM, containing more than 1 percent asbestos as determined using the methods specified in Appendix A, Subpart F, 40 CFR Part 763, Section 1, Polarized Light Microscopy, that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

A.12. Compliance Test Notification. The permittee shall notify the Air Compliance Section of the EPC at least 15 days prior to the date on which each formal compliance test is to begin of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted. [Rule 62-297.310(7)(a)(9), F.A.C.]

A.13. Compliance Test Methods. The following test methods shall be used to determine compliance with the applicable emission limitations:  
[40 CFR 60, Appendix A, Rules 62-297.310(4) and 62-297.401, F.A.C.]

- a. EPA Methods 1- 5 for particulate matter (PM). EPA Method 5 test shall consist of three (3) runs. The owner or operator shall use the average of the three runs for determining compliance. The minimum requirements for stationary point source emissions test procedures and reporting shall be in accordance with Rule 62-297, F.A.C. and 40 CFR 60, Appendix A.
- b. EPA Method 9 for visible emissions (VE). The visible emissions test shall be conducted by a certified observer and shall be a minimum of thirty (30) minutes in duration, unless specified otherwise in this permit. The test observation period shall include the period during which the highest opacity can reasonably be expected to occur.

A.14. Performance Tests. [40 CFR 60.8, Rule 62-4.070(3), F.A.C.,]

- a. Performance tests shall be conducted and data reduced in accordance with the test methods and procedures contained in each applicable subpart.
- b. Performance tests shall be conducted under such conditions as the EPC shall specify to the plant operator based on representative performance of the affected facility. The owner or operator shall make available to the EPC such records as may be necessary to determine the conditions of

PERMITTEE:  
Tampa Pavement Constructors  
Tampa, Florida

Permit/Certification No.: 0571337-007-AC  
Project: New 400 TPH HMA Plant

**PERMIT CONDITIONS:**

the performance tests. Operations during periods of startup, shutdown, and malfunction shall not constitute representative conditions for the purpose of a performance test nor shall emissions in excess of the level of the applicable emission limit during periods of startup, shutdown, and malfunction be considered a violation of the applicable emission limit unless otherwise specified in the applicable standard.

A.15. Stack Sampling. The permittee shall install and maintain stack sampling facilities (as required), including ports, work platforms, access to work platforms, electrical power, and sampling equipment support. All stack sampling facilities must meet requirements of Chapter 62-297, F.A.C. and any Occupational Safety and Health Administration (OSHA) Safety and Health Standards described in 29 CFR Part 1910, Subparts D and E. [Rule 62-297.310(6), F.A.C.]

A.16. Required Equipment. The owner or operator of an emission unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emission data to determine the compliance of emissions units with applicable emission limiting standards. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weigh hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value. [Rule 62-297.310(5), F.A.C.]

A.17. Test Report Submittal. All test reports of compliance demonstrations required by this permit shall be submitted to the Air Compliance Section of the EPC within forty-five (45) days after the test is completed. [Rule 62-297.310(8)(b), F.A.C.]

A.18. Special Compliance Testing. When the EPC, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission limiting standard contained in Chapters 62-4 through 62-297, F.A.C. or in a permit issued pursuant to those chapters 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 and to provide a report on the results of said tests to the EPC. [Rule 62-297.310(7)(b), F.A.C.]

A.19. Excess Emissions Reporting. In the case of excess emissions resulting from malfunctions, the permittee shall notify the Air Compliance Section of the EPC in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the EPC. [Rule 62-210.700(6), F.A.C.]

A.20. Other NSPS Notifications. The permittee shall comply with the following requirements: [Rule 62-204.800, F.A.C.]

PERMITTEE:  
Tampa Pavement Constructors  
Tampa, Florida

Permit/Certification No.: 0571337-007-AC  
Project: New 400 TPH HMA Plant

**PERMIT CONDITIONS:**

- a. The permittee shall furnish the EPC written notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in 40 CFR 60.14(e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The EPC may request additional relevant information subsequent to this notice. [40 CFR 60.7(a)(4)]
- b. The permittee shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative. [40 CFR 60.7(b)]
- c. Compliance with opacity standards in this part shall be determined by conducting observations in accordance with Reference Method 9 in Appendix A (40 CFR 60). [40 CFR 60.11(b)]
- d. The opacity standards set forth in this permit shall apply at all times except during periods of startup, shutdown, malfunction, and as otherwise provided in the applicable standard. [40 CFR 60.11(c)]
- e. At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the EPC which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. [40 CFR 60.11(d)]
- f. No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere. [40 CFR 60.12]

A.21. Startup/Shutdown/Malfunction. The permittee shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; or any malfunction of the air pollution control equipment. The records shall be recorded in a permanent form suitable for inspection and shall be retained for at least five (5) years.  
[40 CFR 60.7, Rule 62-204.800(8), F.A.C.,]

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Tampa Pavement Constructors  
Tampa, Florida

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Project: New 400 TPH HMA Plant

**PERMIT CONDITIONS:**

A.22. Records Retention. All daily records shall be completed within three (3) business days and all monthly records shall be completed by the end of the following month. All records required by this permit shall be maintained at the facility (on-site) for at least five (5) years and be made available to the EPC, state, or federal air pollution agency for inspection upon request. [40 CFR 60.7 and Rules 62-4.070(3) and 62-210.300(3)(c)1.g., F.A.C.]

A.23. Annual Operating Report Requirement. The permittee shall submit to the Environmental Protection Commission of Hillsborough County each calendar year, a completed DEP Form 62-210.900(5), "Annual Operating Report (AOR) for Air Pollutant Emitting Facility", for the preceding calendar year. The AOR shall be submitted by April 1 of the following year. [Rule 62-210.370(3), F.A.C.]

A.24. Modifications. The permittee shall provide timely notification to the Environmental Protection Commission of Hillsborough County prior to implementing any changes that may result in a modification to this permit pursuant to Rule 62-210.200, F.A.C., Modification. The changes do not include normal maintenance, but may include, and are not limited to, the following, and may also require prior authorization before implementation: [Rules 62-210.300 and 62-4.070(3), F.A.C.]

- a. Alteration or replacement of any equipment or major component of such equipment.
- b. Installation or addition of any equipment, which is a source of air pollution.
- c. Replacement or modification of hot oil heater.

A.25. Transfer of Ownership. 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.]

A.26. Operation Permit Application. An operation permit application to incorporate this AC permit conditions shall be submitted to the EPC no later than 90 days after the initial test of the drum mixer, along with the other emission units, but no later than 120 days prior to the expiration date of this permit, whichever occurs first. To properly apply for an operation permit, the applicant shall submit the following:

- a. An appropriate operation permit application form (*see current version of Rule 62-210.900, F.A.C., and/or FDEP Division of Air Resource Management website at: <http://www.dep.state.fl.us/air/>*);
- b. An Operation and Maintenance (O&M)\* Plan for EU 009 Baghouse (*see Rule 62-296.700(6), F.A.C.*);
- c. The appropriate operation permit application fee (*see Rule 62-4.050(4)(a), F.A.C.*); and

PERMITTEE:  
Tampa Pavement Constructors  
Tampa, Florida

Permit/Certification No.: 0571337-007-AC  
Project: New 400 TPH HMA Plant

**PERMIT CONDITIONS:**

- d. Copies of the records specified in Specific Condition Nos. B.6, C.13, D.9, D.16, and E.6 for the most recent month period.

[Rules 62-4.050, 62-4.090, 62-210.300(2), and 62-210.900, F.A.C.]

\* Updated O&M Plan, if different than the O&M Plan included in Air Construction Permit Application received on March 9, 2015)



PERMITTEE:  
Tampa Pavement Constructors  
Tampa, Florida

Permit/Certification No.: 0571337-007-AC  
Project: New 400 TPH HMA Plant

**PERMIT CONDITIONS:**

**B. Specific Conditions for EU 006 - RAP Feed System**

B.1. RAP Usage. The maximum RAP material processed through the RAP Feed System shall not exceed 250,000 tons per any consecutive 12-month period.

[Rule 62-4.070(3), F.A.C. and Air Construction Permit Application received on March 9, 2015]

B.2. Visible Emissions. Visible emissions from the following emission points shall not be greater than 5% opacity: [Rule 62-296.711, F.A.C., Chapter 1-3.52 of the Rules of the EPC, and Air Construction Permit Application received on March 9, 2015]

Emission Point Description	
1) Drop to RAP Bins	2) Bins to Bin Conveyor
3) Bins Conveyor to Collecting Conveyor	4) Collecting Conveyor to Screen
5) Screen	6) Screen to Loop Conveyor
7) Loop Conveyor to Lump Breaker	8) Lump Breaker
9) Lump Breaker to Collector Conveyor	10) Screen to Drum Conveyor
11) Drum Conveyor to Drum Mixer	

B.3. VE Test Frequency. Test the Emission Points in Specific Condition B.2., for visible emissions, within 90 days of startup and annually thereafter. Testing procedures shall be consistent with the requirements of 40 CFR 60, Rule 62-297, F.A.C., and Specific Condition No. A.12.

[Rule 62-4.070(3), F.A.C.]

B.4. Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 90-100% of rated capacity of processing approximately 200 tons/hour of material. If it is impracticable to test at capacity, then the source may be tested at less than capacity; in this case subsequent source operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than fifteen (15) days for purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the EPC. Failure to submit the process rate and actual operating conditions may invalidate the test. [Rules 62-4.070(3) and 62-297.310(2), F.A.C., and Air Construction Permit Application received on March 9, 2015]

B.5. VE Test Duration. The visible emissions test shall be conducted by a certified observer and be a minimum of thirty (30) minutes in duration. The test observation period shall include the period during which the highest opacity can reasonably be expected to occur. [Rule 62-297.310(7), F.A.C.]

B.6. Operating Records. In order to document compliance with Specific Condition No. B.1., the permittee shall maintain monthly and 12-month rolling total records of the amount of RAP handled at this facility. [Rule 62-4.070(3), F.A.C.]

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**PERMIT CONDITIONS:**

**C. Specific Conditions for EU 007 - Portable RAP Crushing and EU 008 - Diesel Engine and Power Generator for RAP Crusher**

C.1. NSPS Applicability. The recycled asphalt or concrete (RAP) crushing unit is subject to the requirements of 40 CFR 60, Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants and the general provisions of 40 CFR 60, Subpart A, which are adopted by reference in Rule 62-204.800, F.A.C.

[Rule 62-204.800(8), F.A.C., and Air Construction Permit Application received on March 9, 2015]

C.2. Florida Air General Permit Applicability. No portable rock crushing plant shall be operated at this asphalt plant site without having its own current Florida Air General Permit. The crushing plant is subject to all the terms and conditions of its current Florida Air General Permit and any applicable conditions contained in this Air Operation Permit. It shall have been previously tested in accordance with its current Florida Air General Permit requirements.

[Rule 62-210.310(5)(e)5., F.A.C., and Air Construction Permit Application received on March 9, 2015]

C.3. Operating Hours. The hours of operation for the RAP crushing unit (including the diesel engine and diesel powered generator) shall not exceed 2,000 hours per any consecutive 12-month period.

[Rule 62-4.070(3), F.A.C., and Air Construction Permit Application received on March 9, 2015]

C.4. Operation Rates. The maximum material processing rate of the RAP crushing unit shall not exceed 350 tons/hour (daily average) and 250,000 tons per any consecutive 12-month period.

[Rule 62-4.070(3), F.A.C., Air Construction Permit Application received on March 9, 2015]

C.5. Fuel Usage. Fuel usage for the Diesel Engine and the Generator associated with the RAP crusher shall not exceed the following per any 12 consecutive month period.

[Rule 62-4.070(3), F.A.C., and Air Construction Permit Application received on March 9, 2015]

- a. Total fuel usage shall not exceed 59,600 gallons of No. 2 fuel oil (diesel).
- b. The sulfur content shall not exceed 0.5 weight percent sulfur.

C.6. Visible Emissions. Visible emissions shall not exceed the following:

[40 CFR 60.672, Rule 62-296.711, F.A.C., Chapter 1-3.52, Rules of the EPCHC, and Air Construction Permit Application received on March 9, 2015]

- a. Visible emissions from the material handling, crushing/grinding, and screening operations associated with **EU 007** shall not be greater than 5% opacity, including, but not limited to, the following emission points:

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Emission Point Description	
1) Drop to Feeder	2) Crusher
3) Crusher to Conveyor 1	4) Conveyor 1 to Screen
5) Screen to Conveyor 2	6) Screen to Conveyor 4
7) Screen to Conveyor 5	8) Conveyor 5 to Conveyor 6
9) Conveyor 2 to Conveyor 3	10) Conveyor 3 to Crusher
11) Screen	12) Stockpile

- b. Visible emissions associated with the Diesel Engine and Power Generator for RAP Crusher (**EU 008**) shall not be equal to or greater than 20% opacity.

C.7. VE Test Frequency. Test the Emission Points in Specific Condition C.6 for visible emissions, within 90 days of startup and annually thereafter to demonstrate compliance with the standards for the emission points associated with the RAP Crushing System as follows:

- a. 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 40 CFR 60 and Rule 62-296.711(3), F.A.C.

Or,

- b. Submit a copy of the VE test report from the company that owns the crusher that is brought to this site for RAP crushing, and ensure that the company has a valid annual VE test report in accordance with their permit conditions during the time of operation at this site, which demonstrates compliance with the limits specified in C.6. above.

[Rules 62-4.070(3) and 62-297.310(7)(a)4.a., F.A.C., Chapter 1-3.52, Rules of the EPCHC and Air Construction Permit Application received March 9, 2015]

C.8. Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 90-100% of rated capacity of approximately 350 tons/hr for the RAP crushing system. If it is impracticable to test at capacity, then the source may be tested at less than capacity; in this case subsequent source operation is limited to 110% of the test rate until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than fifteen (15) days for purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the EPC. Failure to submit the process rates and actual operating conditions may invalidate the test.

[Rules 62-4.070(3) and 62-297.310(2)(b), F.A.C., and Air Construction Permit Application received March 9, 2015]

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C.9. VE Test Duration. The visible emissions test shall be conducted by a certified observer and shall be a minimum of thirty (30) minutes in duration. The test observation period shall include the period during which the highest opacity can reasonably be expected to occur. [Rule 62-297.310(7), F.A.C.]

C.10. Test Procedures. In determining compliance with Specific Condition No. C.6., the permittee shall use Method 9 and the procedures in 40 CFR 60.11, with the following additions: [Rule 62-210.310(5)(e)3.e., F.A.C., and 40 CFR 60.675(c)(1)(i), (ii) and (iii)]

- a. The minimum distance between the observer and the emissions source shall be 4.57 meters (15 feet).
- b. The observer shall, when possible, select a position that minimizes interference from other fugitive emissions units (e.g., road dust). The required observer position relative to the sun Method 9, Section 2.1) must be followed.
- c. For affected emissions units using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.

C.11. Fuel Sulfur Content Record. In order to document continuing compliance with the sulfur content limitation of 0.5% sulfur, by weight of the fuel oil (Specific Condition No. C.5.), the permittee shall keep records on either vendor provided as-shipped analysis or on analysis of as-received samples taken at the plant. These records shall be maintained at the facility for a minimum of five (5) years and be made available to the EPCHC, state, or federal air pollution agency upon request.  
[Rule 62-4.070(3), F.A.C., Permit No. 0571337-006-AF and Air Construction Permit Application received March 9, 2015]

C.12. The analysis specified in Specific Condition No. C.11. shall be determined using ASTM Methods ASTM D4057-88 and ASTM D129-91, ASTM D2622-94, or ASTM D4294-90, adopted and incorporated by reference in Rule 62-297.440(1), F.A.C.  
[Rules 62-4.070(3) and 62-29.440(1)(g)-(j), F.A.C., Permit No. 0571337-006-AF and Air Construction Permit Application received March 9, 2015]

C.13. Recordkeeping. In order to demonstrate compliance with Specific Condition Nos. C.3., C.4., and C.5., the permittee shall maintain daily records associated with the EU Nos. 002 and 003 for the most recent five (5) years period. The records shall be made available to the EPCHC, state or federal air pollution agency upon request. The records shall include, but not limited to, the following:  
[Rules 62-4.070(3) and 62-210.300(3)(c)2.g., Permit No. 0571337-006-AF and Air Construction Permit Application received March 9, 2015]

- a. Day, Month, Year
- b. Hours of operation of the RAP crushing system

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- c. Fuel consumption of the the RAP crushing system: fuel type, amount used, and sulfur content
- d. Recycled Asphalt Paving (RAP) processed by the RAP crushing system (tons/day)
- e. Monthly summary and rolling 12 consecutive month total for items b. through d. above

C.14. Relocation Notification. For each eligible company under the provision of the nonmetallic mineral processing plant air general permit brought to the TPC's Tampa Plant site for RAP crushing operation, the company or TPC shall notify the EPC 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 EPC no later than five (5) business days following relocation.

[Rules 62-4.070(3) and 62-210.310.(5)(e)3.f., Permit No. 0571337-006-AF and Air Construction Permit Application received March 9, 2015]

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**PERMIT CONDITIONS:**

**D. Specific Conditions for EU 009 - Hot Mix Asphalt Plant (Plant).**

D.1. NSPS Applicability. The asphalt concrete plant is subject to the requirements of 40 CFR 60, Subpart I – (Standards of Performance for Hot Mix Asphalt Facilities) and the general provisions of 40 CFR 60, Subpart A, where applicable, which are adopted by reference in Rule 62-204.800(8), F.A.C. [Rule 62-204.800(8), F.A.C.]

D.2. Plant Operating Hours. The Plant is allowed to operate no more than 4,000 hours per any consecutive 12-month period.  
[Rules 62-4.070(3) and 62-210.200, F.A.C., and Air Construction Permit Application received March 9, 2015]

D.3. Hot Oil Heater Operating Hours. The hot oil heater, deemed an insignificant source, is allowed to operate continuously, 8,760 hours/year.  
[Rules 62-4.070(3) and 62-210.200, F.A.C., Permit No. 0571337-006-AF and Air Construction Permit Application received March 9, 2015]

D.4. Operation Rates. The following limitations shall apply:  
[Rules 62-4.070(3), 62-210.200, 62-210.300(c)2., F.A.C., and Air Construction Permit Application received March 9, 2015]

- a. The maximum asphalt concrete production shall not exceed 400 tons/hour on a daily average basis.
- c. The maximum asphalt concrete production shall not exceed 500,000 tons in any consecutive 12-month period.

D.5. Particulate Matter (PM) Emissions Limit: As requested by the permittee, in order to limit the potential to emit, the particulate matter emissions from the drum mix asphalt plant baghouse shall not exceed the following limitations:  
[40 CFR 60.92(a)(1) and Rules 62-296.704 and 62-210.300(c)2., F.A.C., and Air Construction Permit Application received March 9, 2015]

- a. 0.04 grains per standard cubic foot averaged over a three (3) hour period.
- b. 35.7 ton/yr in any consecutive 12-month period

D.6. Visible Emission Limit. Visible emissions from any part of the Plant shall not be equal to or greater than 20% opacity.  
[40 CFR 60.92(a)(2), and Rules 62-204.800(8), 62-210.300(c)2. and 62-296.704(2), F.A.C., and Air Construction Permit Application received March 9, 2015]

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D.7. Hot Oil Heater Visible Emissions. Visible emissions from the liquid asphalt heater shall not be equal to or greater than 20% opacity. Since the heater is deemed an insignificant source, only a special visible emissions compliance test may be required in accordance with Specific Condition No. A.17. If a special visible emissions test is requested, the test shall be conducted in accordance with EPA Method 9. [Rules 62-296.320(4)(b) and 62-297.310(7)(b), F.A.C.]

D.8. Dryer and Hot Oil Heater Fuel(s) and Sulfur Content. The Plant's dryer and hot oil heater shall comply with all of the following:  
[Rules 62-4.070(3), 62-210.300(c)2., F.A.C., and Air Construction Permit Application received March 9, 2015]

Heat Input Rate

- a. The maximum heat input rate for the dryer is 135 MMBtu/hour (on a monthly average basis).
- b. The maximum heat input rate for the hot oil heater is 2.0 MMBtu/hour.

Fuel Types

- c. The dryer's permitted fuels are:
  - (1) On-specification reclaimed/used fuel oil
  - (2) No. 5 residual fuel oil
  - (3) No. 2 distillate fuel oil
  - (4) Natural Gas
- d. The hot oil heater's permitted fuels are:
  - (1) No. 2 distillate fuel oil
  - (2) Natural Gas

Sulfur Content (Dryer and Hot Oil Heater)

- e. The dryer's sulfur content for all fuel oils shall not exceed 1% by weight.
- f. The hot oil heater's content for all fuel oils shall not exceed 0.5% by weight.

D.9. Used Oil Specifications. The permittee shall not burn off-specification used oil. For each delivery of on-specification used oil, the vendor shall provide an analysis documenting that the fuel oil meets the following requirements of 40 CFR 761.20(e)(2) and (3) and 40 CFR 279.11 (July 1, 2004). Copies of the analysis shall be maintained at the facility for a minimum of 5 years and made



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available to any local, state, and federal air pollution agency upon request.  
[Rules 62-4.070(3) and 62-710.210 F.A.C.]

Constituent/Property	Allowable Level
Arsenic	5 ppm maximum
Cadmium	2 ppm maximum
Chromium	10 ppm maximum
Lead	100 ppm maximum
Total Halogens	Shall not exceed 1000 ppm <sup>1</sup>
Flash Point	100 degrees F minimum
PCB's	Shall be less than 2 ppm <sup>2</sup>

<sup>1</sup>Levels over 1000 ppm require additional testing (ref. 40 CFR 279.11)

<sup>2</sup>Required to be capable of firing on-specification used oil during startup and shutdown. Firing used oil with a concentration of 2 ppm or greater of PCBs is prohibited.

D.10. Fuel Sulfur Content Record. In order to document continuing compliance with the sulfur content limitation specified in Specific Condition D.8., the permittee shall keep records on either vendor provided as-shipped analysis or on analysis of as-received samples taken at the plant. The analysis shall be determined by ASTM methods ASTM D4057-88 and ASTM D129-91, ASTM D2622-94 or ASTM D4294-90, adopted and incorporated by reference in Rule 62-297.440(1), F.A.C. The above records shall be maintained at the facility for a minimum of five (5) years and be made available to any local, state, or federal agency upon request.  
[Rules 62-210.300(c)2. and 62-4.070(3), F.A.C.]

D.11. Particulate Matter (PM) Emission and Visible Emission (VE) Testing.  
[40 CFR 60.11, 40 CFR 60.93, and Rules 62-297.310(7) and 62-4.070(3), F.A.C., and Air Construction Permit Application received March 9, 2015]

- a. The drum mix asphalt plant (EU 009) shall be concurrently tested for visible emissions (VE) and particulate matter (PM) within 90 days of startup and annually thereafter. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur.
- b. Test the lime silo for visible emissions (VE) within 90 days of startup and annually thereafter, at the point of highest opacity.
- c. Test one of the storage silos during loading within 90 days of startup and annually thereafter, for visible emissions (VE) at the point of highest opacity.
- d. Test the truck loadout scale during truck loading within 90 days of startup and annually

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thereafter, for visible emissions (VE) at the point of highest opacity

- e. Compliance with the opacity standards shall be determined by conducting observations in accordance with Method 9. The minimum time of observation shall be 30 minutes in duration.

D.12. Test Requirement-Production Rate. Testing of emissions shall be conducted within 90-100% of the maximum drum mixer production rate of 400 ton/hour, if feasible. A compliance test submitted at an operating rate less than 90% of the permitted rate will automatically constitute an amended permit at the lesser rate plus 10% (110% of the lesser test rate) until another test, showing compliance at no less than that higher rate is submitted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain authority to operate at the permitted capacity. The test results shall be filed with the Air Compliance Section of the EPC within forty-five (45) days of testing. Acceptance of the test by the EPC will constitute an amended permit at the higher rate plus 10%, up to the maximum permitted rate of 225 ton/hr. The actual rate (in tons/hour) of the emission unit for the test period shall be included in the test report for each test. Failure to submit the actual rate for the test period and a copy of the daily log (see Specific Condition Nos. D.14. and D.15.) for the test day in the test report may invalidate the test and fail to provide reasonable assurance of compliance.

[Rules 62-297.310(2), and 62-4.070(3), F.A.C.]

D.13. Test Requirement-Fuel Type. The facility shall comply with the following:

- a. A compliance test submitted when the dryer is fired with Natural Gas will allow the dryer to be only fired with Natural Gas and up to 400 hours of firing No. 2 distillate fuel oil, No. 5 residual oil, or on-specification reclaimed/used fuel oil. Within thirty (30) days of exceeding the 400<sup>th</sup> hour of firing the dryer with No. 2 distillate oil, No. 5 residual oil, or on-specification reclaimed/used fuel oil, a new compliance test shall be conducted with the dryer being fired with No. 2 distillate oil, No. 5 residual oil, or on-specification reclaimed/used fuel oil.
- b. A compliance test submitted when the dryer is fired with No. 2 distillate fuel oil will allow the dryer to be only fired with Natural Gas and No. 2 distillate fuel oil and up to 400 hours of firing No. 5 residual oil, or on-specification reclaimed/used fuel oil. Within thirty (30) days of exceeding the 400<sup>th</sup> hour of firing the dryer with No. 5 residual oil, or on-specification reclaimed/used fuel oil, a new compliance test shall be conducted with the dryer being fired with No. 5 residual oil, or on-specification reclaimed/used fuel oil.
- c. A compliance test submitted when the dryer is fired with No. 5 residual fuel oil will allow the dryer to be fired with Natural Gas, No. 2 distillate fuel oil, No. 5 residual fuel oil and up to 400 hours of firing on-specification reclaimed/used fuel oil. Within thirty (30) days of exceeding the 400<sup>th</sup> hour of firing the dryer with on-specification reclaimed/used fuel oil, a

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new compliance test shall be conducted with the dryer being fired with on-specification reclaimed/used fuel oil.

- d. A compliance test submitted when the dryer is fired with on-specification reclaimed/used fuel oil will allow the dryer to be fired with on-specification reclaimed/used fuel oil, Natural Gas, No. 2 distillate fuel oil, or No. 5 residual fuel oil.
- e. All compliance test results shall be submitted to the Air Compliance Section of the EPC.

[Rules 62-4.070(3) and 62-297.310(2), F.A.C and Permit No. 0571337-006-AF]

D.14. When conducting the testing specified in Specific Condition No. D.11., the raw materials processed in the drum mix asphalt plant shall be representative of normal operations for the most recent months period. The test report shall specify the type(s) of raw material(s) used in the process while the test was being conducted. Also, the test report shall include the most recent months records of the RAP and virgin materials used in the drum mix plant. Failure to submit this information with the compliance test report may invalidate the test(s). [Rule 62-4.070(3), F.A.C.]

D.15. Failure to submit the following information with any compliance test report for the test period may invalidate the test(s): [Rules 62-4.070(3) and 62-297.310(8), F.A.C.]

- a. Production rate of hot mix asphalt concrete in tons/hour
- b. Type(s) of material processed during the test (virgin materials, RAP, and/or ground shingles)
- c. Type of fuel used in the dryer burner
- d. Fuel oil analysis of the sulfur content of the fuel oil used (if applicable)
- e. Used fuel oil analysis to document compliance with the on-specification used oil limits (if applicable)
- f. A copy of the records as required by Specific Condition No. D.16. for the month the test was conducted
- g. The pressure drop across the baghouse during normal operations (in inches of water)

D.16. Operating Records. In order to document compliance with the requirements of Specific Condition Nos. D.2., D.4., and D.8., the permittee shall comply with the following recordkeeping requirements: [Rule 62-4.070(3), F.A.C.]

- a. Daily Records - Daily record the following:

- (1) Total asphalt concrete production (tons)
- (2) Amount of RAP and virgin materials used in the asphalt concrete production (tons)
- (3) Hours of operation while producing asphalt concrete
- (4) Operating hours for each type of fuel burned in the dryer
- (5) The pressure drop across the baghouse during normal operations (in inches of water)

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b. Monthly and 12-Month Rolling Total Records:

- (1) Total asphalt concrete produced (tons)
- (2) Amount of RAP and virgin materials used in the asphalt concrete production (tons)
- (3) Hours of operation while producing asphalt concrete
- (4) The quantity of each type of fuel used to fire the asphalt concrete plant's dryer along with the overall monthly average MMBtu/hour heat input rate
- (5) The quantity and type of fuel used to fire the hot oil heater
- (6) Total operating hours for each type of fuel burned in the dryer

D.17. [Reserved.]

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**PERMIT CONDITIONS:**

**E. Conditions Specific to EU 010 - Virgin Aggregate Material Handling**

E.1. Virgin Aggregate Usage. The maximum amount of virgin aggregate material used shall not exceed 500,000 tons per any consecutive 12-month period.

[Rule 62-4.070(3), F.A.C. and Air Construction Permit Application received on March 9, 2015]

E.2. Visible Emissions. Visible emissions from the following emission points shall not be greater than 5% opacity: [Rule 62-296.711, F.A.C., Chapter 1-3.52, Rules of the EPC, and Air Construction Permit Application received on March 9, 2015]

<b>Emission Point Description</b>
1) Drop to Virgin Bins
2) Bins to Bin Conveyor
3) Transfer to Collecting Conveyor
4) Collecting Conveyor to Screen
5) Screen
6) Screen to Drum Mixer Conveyor
7) Drum Mixer Conveyor to Drum Mixer

E.3. VE Test Frequency. Test the emission points in Specific Condition No. E.2. for visible emissions within 90 days of startup and annually thereafter. Testing procedures shall be consistent with the requirements of 40 CFR 60, Rule 62-297, F.A.C., and Specific Condition No. A.12.

[Rule 62-4.070(3), F.A.C.]

E.4. Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 90-100% of rated capacity of processing approximately 400 tons/hour of material. If it is impracticable to test at capacity, then the source may be tested at less than capacity; in this case subsequent source operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than fifteen (15) days for purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the EPC. Failure to submit the process rate and actual operating conditions may invalidate the test. [Rules 62-4.070(3) and 62-297.310(2), F.A.C. and Air Construction Permit Application received on March 9, 2015]

E.5. VE Test Duration. The visible emissions test shall be conducted by a certified observer and be a minimum of thirty (30) minutes in duration. The test observation period shall include the period during which the highest opacity can reasonably be expected to occur. [Rule 62-297.310(7), F.A.C.]

E.6. Operating Records. In order to demonstrate compliance with Specific Condition No. E.1., the permittee shall maintain monthly and 12-month rolling total records of the amount of virgin aggregate material handled at this facility. [Rule 62-4.070(3), F.A.C.]

**PERMITTEE:**

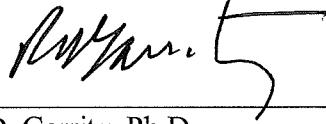
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**PERMIT CONDITIONS:**

ENVIRONMENTAL PROTECTION COMMISSION  
OF HILLSBOROUGH COUNTY

A handwritten signature in black ink, appearing to read "R. Garrity", written over a horizontal line.

Richard D. Garrity, Ph.D.  
Executive Director

## ATTACHMENT - GENERAL CONDITIONS

1. 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, Florida Statutes (F.S.). The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. Not applicable to Air Permits.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
  - a. Have access to and copy any records that must be kept under conditions of the permit;
  - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
  - c. Sample or monitor any substances or parameters at any location reasonable necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
  - a. A description of and cause of noncompliance; and
  - b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.



## ATTACHMENT - GENERAL CONDITIONS

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Section 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300 F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- ☐ Determination of Best Available Control Technology (BACT)
- ☐ Determination of Prevention of Significant Deterioration (PSD)
- ☐ Compliance with New Source Performance Standards (NSPS)

14. The permittee shall comply with the following:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- c. Records of monitoring information shall include:
  - 1. the date, exact place, and time of sampling or measurements;
  - 2. the person responsible for performing the sampling or measurements;
  - 3. the dates analyses were performed;
  - 4. the person responsible for performing the analyses;
  - 5. the analytical techniques or methods used;
  - 6. the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

16. Not applicable to Air Permits.

17. Not applicable to Air Permits.