



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

Central District
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Orlando, FL 32803

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Electronically Sent- Received Receipt Requested

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FINAL PERMIT

PERMITTEE

D & W Paving, Inc.
P.O. Box 250725
Holly Hill, FL 32125-0725

Authorized Representative:

Ms. Barbara Durrance, Secretary - Treasurer

Air Permit No. 1270006-005-AF
Permit Expires: 07/30/2018
Site Name: Holly Hill Facility
Synthetic Minor Source Air Operation
Permit Renewal
Project Name: Asphalt Plant Renewal

This is the final air operation permit renewal. The Holly Hill Facility (Standard Industrial Classification No. 2951) is located in Volusia County at 410 Third Street in Holly Hill, Florida. The UTM coordinates are Zone 17, 496.39 km East, and 3233.49 km North.

This final permit is organized by the following sections:

Section 1. General Information

Section 2. Administrative Requirements

Section 3. Facility-wide and Emissions Unit Specific Conditions

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.

This air pollution 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.

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) 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 must be filed within 30 days after this order is filed with the clerk of the Department.

SECTION 1. GENERAL INFORMATION

FACILITY AND PROJECT DESCRIPTION

Existing Facility

The Holly Hill Facility is equipped with a cyclone followed by a Standard Havens, Model Alpha/Mark I size 21 baghouse with an air to cloth ratio of 5.3 to 1, reverse pulse cleaning, and a particulate reduction efficiency of approximately 99.8 percent. The plant also includes a permit exempt diesel electric generator, per Rule 62-210.300(3)(a)35., F.A.C. and a permit exempt fine material storage silo, per Rule 62-210.300(3)(b)1., F.A.C.

The existing facility consists of the following emissions unit.

Facility ID No. 1270006	
ID No.	Emission Unit Description
001	Asphalt Batch Plant

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility has no units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is a non Title V source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.
- The facility is a synthetic minor source of air pollution for particulate matter (PM) and carbon monoxide (CO).
- The facility is subject to NSPS - 40 CFR 60, Subpart A and NSPS - 40 CFR 60, Subpart I.

PERMIT HISTORY/AFFECTED PERMITS

Renews Permit No. 1270006-004-AF.

SECTION 2. ADMINISTRATIVE REQUIREMENTS

1. Permitting Authority: The permitting authority for this project is the Florida Department of Environmental Protection, Central District, Waste & Air Resource Programs. The Central District's mailing address and phone number is:

Florida Department of Environmental Protection
Central District Office
Waste and Air Resource Programs
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
Telephone: 407-897-4100

All documents related to applications for permits shall be submitted to the above address or electronically to the following address: **DEP_CD@dep.state.fl.us**. In any electronic submittal, clearly identify the Air Permit Project No. 1270006-005-AF.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Central District Compliance Assurance Program. (Use the above mailing or e-mail address.)
3. Appendices: The following Appendices are attached as part of this permit:
- Appendix A. Citation Formats and Glossary of Common Terms;
 - Appendix B. General Conditions;
 - Appendix C. Common Conditions;
 - Appendix D. Common Testing Requirements;
 - Appendix E. NSPS - 40 CFR 60, Subpart A, General Requirements; and
 - Appendix F. NSPS - 40 CFR 60, Subpart I, Standards of Performance for Hot Mix Asphalt Facilities
4. 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.
5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]
6. Modifications: Unless otherwise exempt by rule, the permittee shall not initiate any construction, reconstruction, or modification at the facility and shall not install/modify any pollution control device at the facility without obtaining prior authorization from the Department. Modification is defined as: Any physical change or changes in the method of operations or addition to a facility that would result in an increase in the actual emissions of any air pollutant subject to air regulations, including any not previously emitted, from any emission unit or facility.

SECTION 2. ADMINISTRATIVE REQUIREMENTS

[Rules 62-210.200 - Definition of “Modification” and 62-210.300(1)(a), F.A.C.]

7. Annual Operating Report: The permittee shall submit an annual report that summarizes the actual operating rates and emissions from this facility. Annual operating reports (AORs) shall be submitted electronically to the Compliance Authority by April 1st of each year. Go to the following website for the latest information about electronic submittal of AORs:

<http://www.dep.state.fl.us/air/emission/eaor/default.htm>

[Rule 62-210.370(3), F.A.C.]

8. Operation Permit Renewal Application: A completed application for renewal of the operation permit shall be submitted to the Permitting Authority no later than 60 days prior to the expiration date of the operation permit. To properly apply for an operation permit, the applicant shall submit the following:

- a. the appropriate permit application form (*see current version of Rule 62-210.900, F.A.C. (Forms and Instructions)*), and/or *FDEP Division of Air Resource Management website at: <http://www.dep.state.fl.us/air/>*;
- b. the appropriate operation permit application fee from Rule 62-4.050(4)(a), F.A.C.;
- c. copies of the most recent compliance test reports required by Specific Condition No. **A.11.**, if not previously submitted; and
- d. copies of the two most recent months of records/logs specified in Specific Condition No. **A.19.**

[Rules 62-4.030, 62-4.050, 62-4.070(3), 62-4.090, 62-210.300(2), and 62-210.900, F.A.C.]

SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS

A. EU 001 Asphalt Batch Plant

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
001	Asphalt Batch Plant, which is equipped with a cyclone followed by a Standard Havens, Model Alpha/Mark I, Size 21, baghouse with an air to cloth ratio of 5.3 to 1, reverse pulse cleaning, and a particulate reduction efficiency of approximately 99.8 percent.

PERFORMANCE RESTRICTIONS

- A.1. Federal Regulatory Requirements: This emission unit is subject to 40 CFR 60, Subpart A, General Provisions, Subpart A- General Provisions, as specified below, [Link to 40 CFR 60, Subpart A - General Provisions](#), and 40 CFR 60, Subpart I, Standards of Performance for Hot Mix Asphalt Facilities, as listed in Appendix E of this permit. The conditions are incorporated into this permit (attached and part of this permit).

General Provisions Citation	Subject of Citation
§ 60.1	General applicability of the General Provisions
§ 60.2	Definitions (see also § 60.4219)
§ 60.3	Units and abbreviations
§ 60.4	Address
§ 60.5	Determination of construction or modification
§ 60.6	Review of plans
§ 60.9	Availability of information
§ 60.10	State Authority
§ 60.12	Circumvention
§ 60.14	Modification
§ 60.15	Reconstruction
§ 60.16	Priority list
§ 60.17	Incorporations by reference
§ 60.19	General notification and reporting requirements

[Rules 62-204.800(8)(d) and 62-204.800(8)(b)12., F.A.C.]

- A.2. Permitted Capacity: This emission unit is limited to the following operating parameters which were specified in the application. These limits meet the limits specified in Rule 62-210.300(3)2, F.A.C.

- a. The process rate shall not exceed 130,000 tons of asphalt concrete product in any consecutive 12-month period (that is, 65 tons/hr for 2,000 operating hours per year).
- b. The heat input of the fuels shall not exceed 138,000 MMBTU in any consecutive 12-month period (that is, 69 MMBTU/hr for 2,000 operating hours per year).

[Rule 62-210.200(247), Potential To Emit, F.A.C.]

- A.3. Authorized Fuel: The asphalt batch plant shall be fired with the following fuels:

- a. Natural gas; or
- b. Propane; or

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c. Biodiesel.

[Rules 62-4.070(3) and 62-210.200(247), Potential To Emit, F.A.C.]

- A.4. Restricted Operation: The hours of operation are limited to 2,000 hours in any consecutive 12-month period. [Rules 62-4.070(3) and 62-210.200(247), Potential To Emit, F.A.C.]
- A.5. Unconfined Emissions of Particulate Matter: No person shall cause, let, suffer or allow the emissions of unconfined particulate matter from any or activity, including, but not limited to, vehicular movement; transportation of materials; construction, alteration, demolition or wrecking; or industrially related activities such as unloading, storing or handling; without taking reasonable precautions to prevent such emissions. The area must be watered down should unconfined emissions occur. [Rule 62-296.320(4)(c)1., F.A.C.]
- A.6. Circumvention: No person shall circumvent any pollution control device or allow the emissions of air pollutants without the applicable air pollution control device operating properly. [Rule 62-210.650, F.A.C.]
- A.7. Objectionable Odor Prohibited: No person shall cause, suffer, or allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. An objectionable odor is defined as 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. [Rule 62-296.320(2) and 62-210.200(Definitions), F.A.C.]

EMISSIONS STANDARDS

- A.8. Visible Emission (VE) Limitation: Visible emissions shall not be equal to or greater than 20 percent opacity.
[40 CFR 60 Subpart I, 60.92(a)(2) and adopted by reference in Rule 62-204.800(8)(b)12., F.A.C.]
- A.9. Particulate Matter (PM) Limitation: Particulate emissions shall not exceed 0.04 grains per dry standard cubic foot (90 mg/dscm).
[40 CFR 60 Subpart I, 60.92(a)(1) and adopted by reference in Rule 62-204.800(8)(b)12., F.A.C.]

TESTING REQUIREMENTS

- A.10. Compliance Test: The emissions unit shall be tested to demonstrate compliance with the emissions standards for particulates and visible emissions. The tests shall be conducted within 30 days after commencement of operation of the asphalt batch plant, EU 001.
[Rule 62-4.070(3), F.A.C.]

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- A.11 Compliance Testing Frequency after commencement of operation: During each federal fiscal year (October 1st to September 30th), the asphalt batch plant, EU 001, shall be tested to demonstrate compliance with the emissions standards for particulates and visible emissions. [Rule 62-297.310, F.A.C.]
- A.12. Test Requirements: Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit. [Rule 62-297.310, F.A.C.]
- A.13. Additional PM Testing Requirements: Stack sampling facilities must comply with the Rule 62-297.310(6), F.A.C.
- A.14. Test Methods: Required tests shall be performed in accordance with the following reference methods.

Methods	Description of Method and Comments
EPA Method 5	Determination of Particulate Matter Emissions from Stationary Sources The sampling time and sample volume for each run shall be at least 60 minutes and 31.8 dscf (0.90 dscm).
EPA Method 9	Visual Determination of the Opacity of Emissions from Stationary Sources EPA Method 9 shall be conducted for at least thirty minutes.

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 and 62-297.401, F.A.C. and Appendix A of 40 CFR 60]

- A.15. Operating Rate During Testing: Testing of emissions shall be conducted within 90 to 100 percent of the maximum permitted operating rate of 65 tons/hour of asphalt concrete product. If it is impracticable to test at the maximum permitted operating rate, then the emission unit may be tested at a lesser rate. In this case, subsequent emission unit operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purposes of additional compliance testing to regain the authority to operate at the permitted capacity. [Rule 62-297.310(2), F.A.C.]

NOTIFICATION REQUIREMENTS

- A.16. Notification of Operation Commencement: The permittee shall notify the Compliance Authority in writing of the date of commencing operation of the asphalt batch plant, EU No. 001, no later than five (5) days after that date. Commencing operation means setting into operation of any emissions unit for any purpose. [Rules 62-4.070 and 62-210.200(91), Commence Operation, F.A.C.]

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A. EU 001 Asphalt Batch Plant

- A.17. Test Notification: The permittee shall notify the Compliance Authority at least 30 days prior to the date on which each formal compliance test (A.10 and A.11) is to begin. The notification shall include the following information: date, time, and location of each such test; and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator; and the name, company, and the telephone number of the person conducting the test.
[40 CFR 60, Subpart A, § 60.8 (d); Rules 62-4.070(3) and 62-297.310(7)(a)9., F.A.C.]

RECORDS AND REPORTS

- A.18. Test Reports: The permittee shall prepare and submit reports for all required tests (A.10 and A.11) in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit, that is, “The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.”
[Rule 62-297.310(8), F.A.C.]
- A.19. Monthly Log: In order to demonstrate compliance with Specific Condition Nos. **A.2.**, **A.3.**, and **A.4.**, the permittee shall maintain a log at the facility for a period of at least 5 years from the date the data is recorded. The log shall be made available to the Department upon request. The log shall contain the following:
- a. Facility Name, Facility ID No. (i.e., 1270006);
 - b. Month and year of record;
 - c. Total tons of asphalt concrete product produced during the reporting month;
 - d. Most recent consecutive 12-month total of asphalt concrete product produced (tons/consecutive 12-month period);
 - e. Total hours of operation for the reporting month (hours/month);
 - f. Most recent consecutive 12-month total of hours of operation (hours/consecutive 12-month period);
 - g. Heat input (MMBTU) of the fuel consumed in the reporting month; and
 - h. Most recent consecutive 12-month total of the heat input (MMBTU) of the fuel consumed.

The monthly logs shall be completed by the end of the following month.

Note: A consecutive 12-month total is equal to the total for the month in question plus the totals for the eleven months previous to the month in question. A consecutive 12-month total

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treats each month of the year as the end of a 12 month period. A consecutive 12-month total is not a year-to-date total. Facilities or emission units that have not been operating for 12 months should retain 12-month totals using whatever number of months of data are available until such a time as a consecutive 12-month total can be maintained each month. [Rule 62-4.070(3), F.A.C.]