Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

Electronically Sent- Received Receipt Requested

Mr. Tim Phillips, President
P & S Paving, Inc.
3701 Olsen Drive
Daytona Beach, FL 32124

Re: Project No. 1270172-005-AC
Daytona Beach Asphalt Plant
Minor Source Air Construction Permit
Project: Add Natural Gas

Dear Mr. Phillips:

On August 30, 2011, you submitted an application requesting minor modification to add natural gas to the allowable fuels for the drum mix asphalt plant's dryer burner. This facility is located in Volusia County at 3701 Olsen Drive in Daytona Beach, Florida. Enclosed are the following documents: the Technical Evaluation and Preliminary Determination; the Draft Permit and Appendices; the Written Notice of Intent to Issue Air Permit; and the Public Notice of Intent to Issue Air Permit. 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 the project engineer, Ms. Natrevia Gradney, at 407/897-2933.

Sincerely,

Caroline D. Shine
District Air Program Administrator
Central District

Enclosures

CDS/jr/ng/ta

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

In the Matter of an
Application for Air Permit by:

P & S Paving, Inc.
3701 Olsen Drive
Daytona Beach, FL 32124

Project No. 1270172-005-AC
Minor Source Air Construction Permit
Volusia County, Florida

Authorized Representative:
Mr. Tim Phillips, President

Daytona Beach Asphalt Plant
Project: Add Natural Gas

Facility Location: P & S Paving, Inc. operates the existing Daytona Beach Asphalt Plant, which is located in Volusia County at 3701 Olsen Drive in Daytona Beach, Florida.

Project: The applicant proposes to add natural gas as a fuel for the drum mix asphalt plant's dryer burner. Details of the project are provided in the application and the enclosed Technical Evaluation and Preliminary Determination.

Permitting Authority: Applications for air construction and operation 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 Department of Environmental Protection's Air Resource Management Section in the Central District Office. The Permitting Authority's physical address is: 3319 Maguire Blvd., Ste. 232, Orlando, Florida 32803-3767. The Permitting Authority's mailing address is: 3319 Maguire Blvd., Ste. 232, Orlando, Florida 32803-3767. The Permitting Authority's telephone number is 407/893-3334.

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 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.

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 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 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 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. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/245-2241). 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. 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, and telephone number of the petitioner; the name, address and telephone 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 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 Orange County, Florida.

Caroline D. Shine — Sept. 27, 2011

Caroline D. Shine
District Air Program Administrator
Central District

Date

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 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) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on September 28, 2011 to the persons listed below.

Mr. Tim Phillips, President, P & S Paving, Inc. (**Timphillips@pandspavinginc.com**)
Mr. Lynn Robinson, P.E., Permitting Manager, Southern Environmental Sciences, Inc. (**lrobinson@sesfla.com**)

Clerk Stamp

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.

Dina Jones — 9/28/2011

(Clerk) (Date)

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT

Florida Department of Environmental Protection
Air Resource Management, Central District Office
Draft Minor Source Air Construction Permit
Project No. 1270172-005-AC
P & S Paving, Inc., Daytona Beach Asphalt Plant
Volusia County, Florida

Applicant: The applicant for this project is P & S Paving, Inc.. The applicant's authorized representative and mailing address is:

Mr. Tim Phillips, President
P & S Paving, Inc., Daytona Beach Asphalt Plant
3701 Olsen Drive
Daytona Beach, FL 32124

Facility Location: P & S Paving, Inc. operates the existing Daytona Beach Asphalt Plant, which is located in Volusia County at 3701 Olsen Drive in Daytona Beach, Florida.

Project: The purpose of this project is a minor modification to add natural gas as an allowable fuel for the drum mix asphalt plant's dryer burner.

Permitting Authority: Applications for air construction and operation 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 Department of Environmental Protection's Air Resource Management Section in the Central District Office. The Permitting Authority's physical address is: 3319 Maguire Blvd., Ste. 232, Orlando, FL 32803-3767. The Permitting Authority's mailing address is: 3319 Maguire Blvd., Ste. 232, Orlando, FL 32803-3767. The Permitting Authority's telephone number is 407/893-3334.

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 the Permitting Authority's project engineer 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: http://www.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 this 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. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/245-2241). 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 this 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. 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 and telephone number of the petitioner; the name address and telephone 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 rights will be affected by the agency determination; (c) A statement of when and how the 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 for this proceeding.

TECHNICAL EVALUATION
&
PRELIMINARY DETERMINATION

APPLICANT

P & S Paving, Inc.
3701 Olsen Drive
Daytona Beach, FL

Daytona Beach Asphalt PIant

Facility ID No. 1270172

PROJECT

Project No. 1270172-005-AC
Application for Minor Source Air Construction Permit
Project Name: Add Natural Gas

COUNTY

Volusia County, Florida

PERMITTING AUTHORITY

Florida Department of Environmental Protection
Air Resource Management
Central District Office
3319 Maguire Blvd., Ste. 232, Orlando, FL 32803-3767

September 13, 2011

Prepared by Natrevia Gradney, E.I.

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 Rules 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 on a quarterly basis 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.

I. Project Description:

A. Applicant:

Mr. Tim Phillips, President
P & S Paving, Inc.
3701 Olsen Drive
Daytona Beach, FL 32124

B. Professional Engineer:

Mr. Lynn Robinson, P.E., Permitting Manager
Southern Environmental Services, Inc.
1204 N. Wheeler Street
Plant City, FL 33

C. Project Location:

Daytona Beach Asphalt Plant
3701 Olsen Drive
Daytona Beach, FL 32124

D. Project Summary:

The purpose of this project is a minor modification to Air Operation Permit No. 1270172-004-AO to add natural gas as an allowable fuel for the drum mix asphalt plant's dryer burner, as further described in the permit.

E. Application Information:

Application Received on: 08/30/2011
Additional Information Requested on: N/A
Additional Information Received on: N/A
Application Complete: 08/30/2011

II. PSD Applicability for Project

The project is not subject to PSD preconstruction review.

III. Rule Applicability

This project is subject to the preconstruction review requirements of Chapter 403, Florida Statutes and Chapters 62-204 through 62-297, Florida Administrative Code (F.A.C.), as indicated below.

Subject to:	Y/N	Comments
Rule 62-210.300, F.A.C. - Project Not Subject to Prevention of Significant Deterioration or Nonattainment Requirements, F.A.C.	Y	Not exempt from general permitting requirements.
Rule 62-212.400, F.A.C. - Prevention of Significant Deterioration	N	Facility is not a PSD major source.
Rule 62-296.320(4), F.A.C. - General Particulate Emission Limiting Standards	Y	Heating, drying, and mixing aggregate could be a source of unconfined particulate matter emissions.
Rules 62-296.320(1) and (2), F.A.C. - General Pollutant Emission Limiting Standards (VOCs and Odor)	Y	Drying operations are a source of VOC and odors.

Subject to:	Y/N	Comments
Rule 62-296.400, F.A.C. - Stationary Source Emission Standards	Y	There is no applicable source category.
Rule 62-296.500, F.A.C. - Reasonably Available Control Technology (VOC)	N	Volusia County is an attainment area for ozone.
Rule 62-296.700, F.A.C. - Reasonably Available Control Technology (PM)	N	There is no applicable source category.
Rule 62-204.800, F.A.C. - Standards of Performance for New Stationary Sources (NSPS)	Y	EU No. 001 is subject to 40 CFR 60, Subpart A and 40 CFR 60, Subpart I.
Rule 62-204.800, F.A.C. National Emission Standard for Hazardous Air Pollutants (NESHAPS – 40 CFR 61)	N	There is no applicable source category.
Rule 62-204.800, F.A.C. National Emission Standard for Hazardous Air Pollutants for Source Categories a.k.a. MACT (NESHAPS – 40 CFR 63)	N	There is no applicable source category.
Chapter 62-213, F.A.C. - Operation Permits for Major Sources of Air Pollution	N	Facility is a synthetic non-Title V source.
Rule 62-297.310, F.A.C. - General Compliance Test Requirements, F.A.C.	Y	VE and PM testing is required for EU No. 001.

IV. Summary of Emissions

Pollutant	EU No. and brief description	Potential Emissions (tpy)		Allowable Emissions (tpy)
		Fuel Oil	Natural Gas	
PM	001- Drum Mix Asphalt Plant with Dry Cyclone and Baghouse	8.50	11.6	**.04 gr/dscf NSPS Limit** (equivalent to 11.6tpy*)
VOC		8.32	8.0	
NOx		14.3	6.5	
SO2		96.0	0.85	**Sulfur Limit 1.0 percent by weight**
CO		33.8	32.5	
Total HAP		2.6	1.3	
VE				**20 percent**

**PM allowable calculation based on 0.04 gr/dscf NSPS limit and a baghouse efficiency of 99.9 percent, then used with production limit of 500,000 tpy and operating capacity of 250 tph.*

V. Federal NSPS and/or NESHAP Provisions

A. NSPS 40 CFR Part 60, Subpart A - General Provisions
B. NSPS 40 CFR Part 60, Subpart I - Hot Mix Asphalt Facilities
C. NSPS 40 CFR Part 60, Subpart OOO - Nonmetallic Mineral Processing Plants

The RAP (Recycled Asphalt Pavement) crusher at the site is subject to 40 CFR Part 60, Subpart OOO.

VI. Conclusions

The emission limits proposed by the applicant will meet all of the requirements of Chapters 62-204 through 297, F.A.C.

The General and Specific Conditions listed in the proposed permit (attached) will assure compliance with all the applicable requirements of Chapters 62-204 through 297, F.A.C.

VII. 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. Additional details of this analysis may be obtained by contacting the project engineer at the Florida Department of Environmental Protection Air Resource Management, Central District, 3319 Maguire Blvd., Ste. 232, Orlando, FL 32803-3767.

Pursuant to Section 403.087, Florida Statutes and Section 62-4.070, Florida Administrative Code, the Department hereby gives notice of its intent to issue a permit to construct the aforementioned air pollution source in accordance with the draft permit and its conditions as stipulated (see attached).

Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

Electronically Sent- Received Receipt Requested

DRAFT PERMIT

PERMITTEE

P & S Paving, Inc.
3701Olsen Drive
Daytona Beach, FL 32124

Authorized Representative:
Mr. Tim Phillips, President

Air Permit No. 1270172-005-AC
Permit Expires: 06/30/2012
Site Name: Daytona Beach Asphalt Plant
Minor Source Air Construction
Project Name: Add Natural Gas

This is the final air construction permit, which authorizes modification to add natural gas to allowable fuels for the Drum Mix Asphalt Plant's dryer burner. The proposed work will be conducted at the Daytona Beach Asphalt Plant (Standard Industrial Classification No. 2951). The facility is located in Volusia County at 3701 Olsen Drive in Daytona Beach, Florida. The UTM coordinates are Zone 17, 486.30 km East, and 3224.26 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.

Executed in Orange County, Florida

DRAFT

_____ _____

Caroline D. Shine
District Air Program Administrator
Central District

Effective Date

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination, the Final Permit and the Appendices) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on _____ to the persons listed below.

Mr. Tim Phillips, P & S Paving, Inc. (**Timphillips@pandspavinginc.com**)
Mr. Lynn Robinson, P.E., Permitting Manager, Southern Environmental Sciences, Inc. (**lrobinson@sesfla.com**)

Clerk Stamp

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.

DRAFT

_____ _____

(Clerk) (Date)

FACILITY AND PROJECT DESCRIPTION

Daytona Beach Asphalt Plant

This facility is a double barrel drum mix asphalt plant with an actual maximum production rate of 250 tons per hour. This facility is also permitted to operate a 250 tons/hour rock and rap (recycled asphalt pavement) crusher at this site.

The existing facility consists of the following emissions units.

Facility ID No. 1270172	
ID No.	Emission Unit Description
001	Drum Mix Asphalt Plant
002	Rock and RAP Crusher

Project Description and Affected Emission Units

This project authorizes modification to add natural gas to the allowable fuels for the drum mix asphalt plant's dryer burner.

This project will modify the following emissions units.

Facility ID No. 1270172	
ID No.	Emission Unit Description
001	Drum Mix Asphalt Plant

NOTE: *Please reference the Permit No., Facility ID, and Emission Unit ID in all correspondence, test report submittals, applications, etc.*

Exempt Emission Units/Activities

- 1.38 MMBTU/hr helical coil hot oil heater used to heat portions of the hot asphalt silo and bucket elevator.

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 not a Title V major 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.
- This facility is a synthetic non-Title V source for hazardous air pollutants (HAP).

PERMIT HISTORY/AFFECTED PERMITS

Modifies Permit No. 1270172-004-AO;

SECTION 2. ADMINISTRATIVE REQUIREMENTS (DRAFT)

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

   Florida Department of Environmental Protection
   Central District Office
   Air Resource Management Section
   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.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Central District Air Resource Management Section (see above mailing address and phone number)

3. Appendices: The following Appendices are attached as part of this permit:

   a. Appendix A. Citation Formats and Glossary of Common Terms;
   b. Appendix B. General Conditions;
   c. Appendix C. Common Conditions;
   d. Appendix D. Common Testing Requirements;
   e. Appendix E. 40 CFR 60, Subpart A - General Provisions; and
   f. Appendix F. 40 CFR 60, Subpart I - 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.
   [Rules 62-210.200 - Definition of "Modification" and 62-210.300(1)(a), F.A.C.]

7. Annual Operating Report: On or before **April 1** of each year, the permittee shall submit a completed DEP Form 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility" (AOR) for the preceding calendar year. The report may be submitted electronically in accordance

with the instructions received with the AOR package sent by the Department, or a hardcopy may be sent to the Compliance Authority.
[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 **and this construction 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 most recent two months of records/logs specified in Specific Condition No. **A.20.**

   [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.]

A. EU No. 001- Drum Mix Asphalt Plant

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
001	The plant is manufactured by Astec, and is a Model RDB-400ST. The maximum sulfur content of all fuels is 1.0 percent. Particulate emissions are controlled with a dry cyclone followed by a Model RBH-67: TDB baghouse. The baghouse has Arimid fiber bags with a total cloth area of 11,616 square feet and an air to cloth ratio of 5.75 to 1 at 66,800 acfm.

PERFORMANCE RESTRICTIONS

A.1. Federal Regulatory Requirements: This emission unit is subject to 40 CFR 60, Subpart A - General Provisions and 40 CFR 60, Subpart I - Hot Mix Asphalt Facilities, which are adopted by reference in Rule 62-204.800, F.A.C. The conditions are attached and incorporated as part of this permit (See Appendices E and F).
[Rule 62-204.800(8), F.A.C.]

A.2. Permitted Capacity: The process rate shall not exceed 0.5 million tons of a virgin or recycle mix asphalt product per any consecutive 12-month period.
[Rule 62-210.200(PTE), F.A.C.]

A.3. Authorized Fuel: Total fuel consumption shall not exceed 1.2 million gallons in any consecutive 12-month period of the combination of the following fuels:

a. new no. 2 through no. 6 fuel oils; and
b. on specification used oil

[Permit Application dated 08/30/2011 and Rule 62-210.200(PTE), F.A.C.]

A.4. **Authorized Fuel: Natural gas can be used as a fuel for the Drum Mix Asphalt Plant.**

[Permit Application dated 08/30/2011 and Rule 62-210.200(PTE), F.A.C.]

A.5. Sulfur Content: The maximum sulfur content of all fuel oils consumed shall not exceed 1.0 percent by weight.
[Rule 62-210.200(PTE), F.A.C.]

A.6. Restricted Operation: The hours of operation of the drum mix asphalt plant shall not exceed 2,080 hours per any consecutive 12-month period.
[Permit Application dated 08/30/2011 and Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

A.7. On-Specification Used Oil Requirements: The following used oil specifications are applicable. Used oil within the allowable levels is "on-specification" and used oil exceeding any allowable level is "off-specification."

Constituent/Property	Allowable Levels	Test Methods
Arsenic	5 ppm maximum	**Test Methods used in** EPA SW-846
Cadmium	2 ppm maximum	**Test Methods used in** EPA SW-846
Chromium	10 ppm maximum	**Test Methods used in** EPA SW-846
Lead	100 ppm maximum	**Test Methods used in** EPA SW-846
Flash Point	100° F minimum	**Test Methods used in** EPA SW-846
Total Halogens	4,000 ppm maximum*	**Test Methods used in** EPA SW-846
PCB	< 50 ppm	**Test Methods used in** EPA SW-846

* Used oil containing between 1,000 and 4,000 ppm of total halogens is presumed to be a hazardous waste because it has been mixed with halogenated hazardous waste and cannot be utilized unless the applicant first rebuts this presumption by demonstrating that Used Oil does not contain hazardous waste and receives written approval from the Department.
[Rule 62-710.210(3), F.A.C.; 40 CFR Part 279.11]

A.8. Additional On-Specification Used Oil Requirements: When used oil is fired, the facility must operate in compliance with all applicable regulations and Department policy including the requirements of Rule 62-710, Part V, F.A.C. and 40 CFR 266 Subparts D and E and any new regulations subsequently adopted, and the following conditions shall apply:

a) Each time used oil is transferred to the facility storage tank a sample of used oil to be burned shall be analyzed for arsenic, chromium, cadmium, total halogens, PCB, flash point, and lead using EPA/DEP or ASTM approved methods prior to being fired. Alternately, the used oil vendors' analysis for the referenced parameters may be utilized to satisfy this condition. Results of the used oil sampling and analysis shall be retained on site for a three year period.

b) The total quantity of used oil burned during each calendar year, on a monthly basis, shall be included in the Annual Operations Report for Air Emissions Sources.

c) The firing of used oil which contains PCB at concentrations greater than 2 ppm and less than 50 ppm is regulated by 40 CFR 761. The source cannot fire used oil which contains PCB concentrations in this range during startup or shutdown in accordance with 40 CFR 761.20(e)(3), and the source must submit to this office a copy of the written notice described in 40 CFR 761.20(e)(3)].

EMISSIONS STANDARDS

A.9. 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), F.A.C.]

A.10. Particulate Matter (PM) Limitation: Particulate emissions shall not exceed 0.04 grains per dry standard cubic foot averaged over a three (3) hour period.
[40 CFR 60 Subpart I, 60.92(a)(1) and adopted by reference in Rule 62-204.800(8)(b), F.A.C.]

TESTING REQUIREMENTS

A.11. Compliance Tests: The drum mix asphalt plant shall be tested annually during each fiscal year (October 1 – September 30) to demonstrate compliance with the emissions standards for VE and PM emissions as specified in Specific Condition Nos. **A.9.** and **A.10.**, above. The next compliance test shall use natural gas as a fuel. [40 CFR 60 Subpart A, 60.8 and 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 following:

a. Rule 62-297.310 (6), F.A.C., regarding minimum requirements that include, but are not limited to: location of sampling ports, work platform area hand rails and toe rails, caged ladder access, and electrical power; and

b. A differential pressure gauge is required to measure the pressure drop across the baghouse, a minimum of 10 days prior to conducting the stack test.

[Rules 62-297.310(6) and 62-297.310(5)(b), F.A.C.]

A.14. Test Method(s): Required tests shall be performed in accordance with the following reference method(s).

Method(s)	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 0.90 dscm (31.8 dscf).**
EPA Method 9	Visual Determination of the Opacity of Emissions from Stationary Sources: **Shall be conducted for 30 minutes or the length of the batch/cycle if less than 30 minutes.**

The above method(s) are described in Appendix A of 40 CFR 60 and are adopted by reference in Rule 62-204.800, F.A.C. No other method(s) may be used unless prior written approval is received from the Department.
[Rules 62-204.800 and 62-297.401, F.A.C.; Appendix A of 40 CFR 60; 40 CFR 60.93 (b)(1) and (2)]

A.15. Operating Rate During Testing: Testing of emissions shall be conducted within 90 to 100 percent of the maximum permitted operating rate of **250 tons/hr**. 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. Test Notification: The permittee shall notify the Compliance Authority, 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 for the permittee.
[Rules 62-4.070(3) and 62-297.310(7)(a)9., F.A.C.]

RECORDS AND REPORTS

A.17. Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit.
[Rule 62-297.310(8), F.A.C.]

A.18. Fuel Oil Sulfur Content: The fuel sulfur content, percent by weight, for liquid fuels shall be evaluated using ASTM methods ASTM D4057-88 and one of ASTM D2622-94, ASTM D4294-98, ASTM D1552-95 or ASTM D129-91 or more recent editions adopted and incorporated by reference in Rule 62-297.440(1), F.A.C. Alternately, after written notification to and approval by the Department, the permittee may use other DEP Air Program-approved methods, i.e. alternate sampling procedures, for sulfur in petroleum products.
[Rule 62-4.070, F.A.C.]

A.19. Fuel Oil Sulfur Content Records: The permittee shall maintain records to demonstrate that the sulfur content, by weight, of each shipment of new and on-spec used oil is less than 1.0 percent as specified in Specific Condition **A.5.** and that the sulfur content was determined in accordance with the methods listed in Specific Condition **A.18.**
[Rule 62-210.300(3)(c)1.c., F.A.C.]

A.20. Monthly Log: In order to demonstrate compliance with Specific Condition Nos. **A.2. and A.3.**, the permittee shall maintain a log at the facility for a period of at least five (5) years from the date the data is recorded. The log at a minimum shall contain the following:

Monthly

a. Designation of the month and year of operation for which the records are being tabulated; and

b. Consecutive 12 month total of fuel burned (combination of new no. 2 through no. 6 fuel oils, on specification used oil, **and natural gas**), which includes the fuel used by the asphalt plant and the crusher, and asphalt product produced (tons) by the asphalt plant .

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 treats each month of the year as the end of a 12-month period. A 12-month total is not a year-to-date total. Facilities 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.]