



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

August 5, 2013

Adrienne N. Coppock
APAC - Southeast, Inc. an Oldcastle Company
13101 Telecom Drive, Suite 101
Tampa, FL 33637

RE: Notice of Permit Coverage
APAC Southeast, Inc. – Hardeeville Asphalt Plant
Permit Number: 9900-0271

Dear Ms. Coppock:

The Department has renewed the Bureau of Air Quality's General Conditional Major Operating Permit for Asphalt Plants ("General Permit"). The renewed permit was issued on July 15, 2013 and will be valid through June 30, 2018. This permit supersedes any previous construction and/or operating permit issued to your facility. Your facility's coverage under the terms and conditions of this permit begins on August 5, 2013.

A copy of the General Permit and your facility's attachment(s) are enclosed with this letter. It is your responsibility to comply with all the requirements of this General Permit. The Department may conduct periodic inspections of your facility to determine compliance with the requirements of the General Permit. Any violations found during these inspections may result in an enforcement action. Therefore, it is incumbent upon you to ensure you are in compliance with the General Permit at all times. It is important for you to read this issued permit carefully and to understand all requirements. If any errors or emissions are found, immediately notify Kirk Schneider of my staff, via e-mail at Schneikg@dhec.sc.gov, or call (803) 898-4023.

If your facility no longer requires this permit, please submit DHEC Form D-2374 ("Permit Cancellation / Temporary Closure") to cancel your coverage under the General Permit. If coverage is not cancelled, you are responsible for all annual General Permit fees.

In the event, you disagree with the decision to approve the General Permit, or the terms and conditions of the General Permit, the enclosed "Guide to Board Review" explains the process for contesting the Department's decision.

Sincerely,

Elizabeth J. Basil
Director, Engineering Services Division
Bureau of Air Quality

EJB:kgs:kal
Enclosure

cc: Permit File: 9900-0271
ec: Shane Johnson, BEHS

ATTACHMENT A

FACILITY INFORMATION APAC Southeast, Inc. – Hardeeville Asphalt Plant GCM-9900-0271 Page 1 of 2

A - APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: SC HWY 27 413
CITY, STATE, ZIP FACILITY IS LOCATED IN: Hardeeville, SC 29927
COUNTY FACILITY IS LOCATED IN: Jasper

C - FACILITY EQUIPMENT			
Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID
AP	275 tph Drum Mix Asphalt Plant (40CFR60 Subpart I Applicable)	1998 (2007)	BH
DB	75E+06 Btu/hr Asphalt Plant Dryer Burner Natural Gas, No.2 Fuel Oil (Maximum Sulfur Content 0.5%), Recycled No.2 Fuel Oil (Maximum Sulfur Content 0.5%) and Bio-Fuel Oil (FFA Oil) as Burner Fuels	2012	BH CYC
LS	Lime Silo	1998	BV
HOH	2.0E+06 Btu/hr Hot Oil Heater No.2 Fuel Oil a(Maximum Sulfur Content 0.5%) as fuel	1998	None

D - FACILITY CONTROL DEVICES			
Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
CD-BH	Pulse Jet Baghouse	2007	PM, PM ₁₀ , PM _{2.5}
CD-BV	Bin Vent Baghouse	1998	PM, PM ₁₀ , PM _{2.5}
CD-CYC	Cyclone	1998	PM, PM ₁₀ , PM _{2.5}

E - FACILITY EXEMPT EQUIPMENT			
Equipment ID	Source Description	Installation Date	Basis
LAT-1	35,000 gallon Liquid Asphalt Tank	1998	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT-2	20,000 gallon Liquid Asphalt Tank	N/A	SC Regulation 61-62.1, Section II(B)(2)(h)
FOT-1	20,000 gallon No.2 Fuel Oil Tank No.1	N/A	Air Permitting Exemption List
FOT-2	20,000 gallon No.2 Fuel Oil Tank No.2	N/A	Air Permitting Exemption List
FOT-3	12,000 gallon No.2 Fuel Oil Tank No.3	N/A	Air Permitting Exemption List
DFT	10,000 gallon Diesel Fuel Oil Tank	N/A	Air Permitting Exemption List

ATTACHMENT A

**FACILITY INFORMATION
 APAC Southeast, Inc. – Hardeeville Asphalt Plant
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F - ADDITIONAL CONDITIONS		
<p>The owner/operator must comply with the conditions of the General Conditional Major Operating Permit for Asphalt Plants and any additional conditions listed in this section.</p>		
Condition Number	Equipment ID	Conditions
F.1	CD-CYC	<p>The cyclone shall be in place and operational whenever processes controlled by the cyclone are running, except during periods of cyclone malfunction or mechanical failure. The following operation and maintenance checks will be made on at least a weekly basis for all cyclones:</p> <ul style="list-style-type: none"> • Check the cyclone and ductwork system for damaged or worn sheet metal or other interferences with proper operation. • Check dust collection hoppers and conveying systems for proper operation. <p>The results from the operation and maintenance checks shall be maintained in logs (written or electronic), along with any corrective action taken.</p>
F.2	AP	<p>(June 20, 2012 Emissions Testing) Asphalt production is limited to 198 tph on a three (3) hour rolling basis. Increase in the production rate up to the rated production of 275 tph will require retesting to demonstrate compliance with applicable requirements</p>
F.3	AP	<p>This facility is allowed to use non-asbestos containing, recycled asphalt shingles as aggregate. Use of asphalt shingles that are not "tear-off" shingles will not require asbestos testing.</p> <p>This facility is not allowed to accept and process materials containing asbestos of any type, either alone or mixed with other materials, in an amount greater than one percent as determined by using the method specified in 40 CFR 763 Appendix A, Subpart F, Section 1, as amended, or an accepted equivalent.</p> <p>If "tear-off" shingles are used, the facility shall follow the requirements as outlined in the August 11, 2011 memorandum "Tear-Off Asphalt Roofing Shingle Usage, Permitting/Asbestos Testing Protocol." Additionally, records shall be kept in accordance with the requirements outlined in the above protocol memorandum. Test results shall be submitted annually to the BAQ Asbestos Section.</p> <p align="right"> SCDHEC – BAQ Asbestos Section 2600 Bull Street Columbia, SC 29201 </p>

ATTACHMENT B

MODELED EMISSION RATES APAC Southeast, Inc. – Hardeeville Asphalt Plant GCM-9900-0271 Page 1 of 1

The emission rates listed herein are not considered federally enforceable limitations but are used to evaluate ambient air quality impact. Until the Department makes a determination that a facility is causing or contributing to an exceedance of a state or federal ambient air quality standard, increases to these emission rates are not in themselves considered violations of these ambient air quality standards.

STANDARD NO.2 - MODELED AAQS EMISSION RATES (lb/hr)							
STACK ID	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	Lead	HF
Dryer Baghouse	6.3250	--	15.9500	15.1250	35.7500	--	--

STANDARD NO. 8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	Acrolein	Benzene	Formaldehyde	Mercury
	107-02-8	71-43-2	50-00-0	7439-97-6
Baghouse Stack	0.00715	0.10725	0.8525	0.0007
HMA Silo	--	0.0011	0.0231	--
Truck Load-Out	--	0.0006	0.0010	--

STANDARD NO. 8 – DE MINIMIS AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	Nickel	POMs Total	Propionaldehyde	Quinone
	7440-02-0	N/A	123-38-6	106-51-4
Baghouse Stack	0.0173	0.2433	0.0358	0.0440
HMA Silo	--	0.0135	--	--
Truck Load-Out	--	0.0135	--	--