



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

August 5, 2013

Shawn Godwin
Palmetto Paving Corporation
PO Box 346
Conway SC 29526

RE: Notice of Permit Coverage
Palmetto Paving Corporation - Conway Plant
Permit Number: 9900-0197

Dear Mr. Godwin:

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: 9900-0197
ec: Rayna King, BEHS

ATTACHMENT A

FACILITY INFORMATION Palmetto Paving Corporation - Conway Plant GCM-9900-0197 Page 1 of 3

A - APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 6184 Godwin Paradise Ln.
CITY, STATE, ZIP FACILITY IS LOCATED IN: Conway, SC 29526
COUNTY FACILITY IS LOCATED IN: Horry

C - FACILITY EQUIPMENT			
Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID
AP	338 tph Drum Mix Asphalt Plant. (40CFR60 Subpart I Applicable)	2002	BH
DB	125E+06 Btu/hr Asphalt Plant Dryer Burner No.2 Fuel Oil, (Maximum Sulfur Content 0.5%), Recycled No.2 Fuel Oil (Maximum Sulfur Content 0.5%) and Propane as Burner Fuels	2002	BH
LS	Lime Silo	1981	BV

D - FACILITY CONTROL DEVICES			
Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
BH	Pulse Jet Baghouse	2002	PM, PM ₁₀ , PM _{2.5}
BV	Bin Vent Baghouse	1981	PM, PM ₁₀ , PM _{2.5}

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**FACILITY INFORMATION
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E - FACILITY EXEMPT EQUIPMENT			
Equipment ID	Source Description	Installation Date	Basis
LAT-1	20,000 gallon Liquid Asphalt Tank No.1	2006	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT-2	15,000 gallon Liquid Asphalt Tank No.2	2006	SC Regulation 61-62.1, Section II(B)(2)(h)
FOT-1	20,000 gallon No.2 Fuel Oil Tank No.1	2006	Air Permitting Exemption List
FOT-2	20,000 gallon No.2 Fuel Oil Tank No.2	2006	Air Permitting Exemption List
FOT-3	15,000 gallon No.2 Fuel Oil Tank No.3	2006	Air Permitting Exemption List
AST	10,000 gallon Asphalt Sealer Tank	1997	SC Regulation 61-62.1, Section II(B)(2)(h)
PRT	30,000 gallon Propane Tank	2006	SC Regulation 61-62.1, Section II(B)(2)(h)
GT	10,000 gallon Gasoline Tank	2006	SC Regulation 61-62.1, Section II(B)(2)(h)
HOH	5.0E+06 Btu/hr Hot Oil Heater No.2 Fuel Oil(Maximum Sulfur Content 0.5%), Recycled No.2 Fuel Oil (Maximum Sulfur Content 0.5%) and Propane as Fuels	1995	SC Regulation 61-62.1, Section II(B)(2)(h)
ACH	2.1E+06 Btu/hr Asphalt Coke Heater No.2 Fuel Oil (Maximum Sulfur Content 0.5%), Recycled No.2 Fuel Oil (Maximum Sulfur Content 0.5%) and Propane as Fuels	1997	SC Regulation 61-62.1, Section II(B)(2)(h)

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	AP	(May 8, 2012 Emissions Testing) Asphalt production is limited to 269 tph. Increase in the production rate up to the rated production of 400 tph will require retesting to demonstrate compliance with applicable requirements.

ATTACHMENT B

**MODELED EMISSION RATES
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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	PM₁₀	PM_{2.5}	SO₂	NO_x	CO	Lead	HF
EP01	7.774	--	3.718	18.590	43.940	--	--
EP05	--	--	2.536	--	--	--	--

STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	Benzene	Cadmium	Formaldehyde	Mercury
	71-43-2	744-043-9	50-00-0	743-997-6
EP01	0.132	0.0001	1.048	0.001
EP02A	0.0004	--	0.0095	--
EP02B	0.0002	--	0.0004	--
EP03A	0.0004	--	0.0095	--
EP03B	0.0002	--	0.0004	--
EP04A	0.0004	--	0.0095	--
EP04B	0.0002	--	0.0004	--

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STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)		
STACK ID	Nickel	POMs
	744-002-0	varies
EP01	0.021	0.299
EP02A	--	0.0033
EP02B	--	0.0023
EP03A	--	0.0033
EP03B	--	0.0023
EP04A	--	0.0033
EP04B	--	0.0023

STANDARD NO. 8 – POM EMISSION RATES (lb/hr)			
POLLUTANT	CAS #	STACK ID	
		Production = EP01	LOSL
2-Methylnaphthalene	91-57-6	5.75E-02	7.27E-03
Acenaphthene	83-32-9	4.73E-04	7.03E-04
Acenaphthylene	208-96-8	7.44E-03	4.43E-05
Anthracene	120-12-7	1.05E-03	1.92E-04
Benzo(a)anthracene	56-55-3	7.10E-05	7.00E-05
Benzo(a)pyrene	50-32-8	3.31E-06	2.65E-06
Benzo(b)fluoranthene	205-99-2	3.38E-05	8.76E-06
Benzo(e)pyrene	192-97-2	3.72E-05	1.71E-05
Benzo(g,h,i)perylene	191-24-2	1.35E-05	2.19E-06
Benzo(k)fluoranthene	207-08-9	1.39E-05	2.54E-06
Chrysene	218-01-9	6.08E-05	2.99E-04
Dibenz(a,h)anthracene	53-70-3	--	4.26E-07

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STANDARD NO. 8 – POM EMISSION RATES (lb/hr)			
POLLUTANT	CAS #	STACK ID	
		Production = EP01	LOSL
Fluoranthene	206-44-0	2.06E-04	1.86E-04
Fluorene	86-73-7	3.72E-03	1.75E-03
Indeno(1,2,3-cd)pyrene	193-39-5	2.37E-06	5.42E-07
Naphthalene	91-20-3	2.20E-01	3.00E-03
Perylene	198-55-0	2.97E-06	5.11E-05
Phenanthrene	85-01-8	7.77E-03	2.48E-03
Pyrene	129-00-0	1.01E-03	5.50E-04

STANDARD NO. 8 – TOXIC AIR POLLUTANTS LEVEL I DE MINIMIS ANALYSIS				
POLLUTANT	CAS NUMBER	EMISSION RATE (lb/day)	DE MINIMIS (lb/day)	PASS (Y or N)
2,2,4-Trimethylpentane	540-84-1	0.325	105.000	Yes
2,3,7,8-TCDD	1746-01-6	0.0000	0.0005	Yes
Acetaldehyde	75-07-0	0.000	21.600	Yes
Acrolein	107-02-8	0.000	0.015	Yes
Arsenic	744-038-2	0.005	0.012	Yes
Benzene	71-43-2	3.213	1.800	No
Cadmium	744-043-9	0.003	0.003	No
Carbon Disulfide	75-15-0	0.020	1.800	Yes
Cobalt	744-048-4	0.0002	0.003	Yes
Cumene	98-82-8	0.037	0.108	Yes
Ethyl Chloride	75-00-3	0.004	316.800	Yes
Ethylbenzene	100-41-4	2.079	52.200	Yes
Formaldehyde	50-00-0	25.859	0.180	No

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STANDARD NO. 8 – TOXIC AIR POLLUTANTS LEVEL I DE MINIMIS ANALYSIS				
POLLUTANT	CAS NUMBER	EMISSION RATE (lb/day)	DE MINIMIS (lb/day)	PASS (Y or N)
Hexane	110-54-3	7.613	10.800	Yes
Hexavalent chromium	1854-029-9	0.004	0.030	Yes
Hydrochloric Acid	7467-01-0	0.000	2.100	Yes
Manganese	743-996-5	0.062	0.300	Yes
MEK	78-93-3	0.055	177.000	Yes
Mercury	743-997-6	0.021	0.003	No
Methyl Bromide	74-83-9	0.008	1.200	Yes
Methyl Chloride	74-87-3	0.028	6.180	Yes
Methyl chloroform	71-55-6	0.389	114.600	Yes
Methylene Chloride	75-09-2	0.000	105.000	Yes
Naphthalene	91-20-3	5.345	15.000	Yes
Nickel	744-002-0	0.511	0.006	No
o-Xylene	95-47-6	0.083	52.200	Yes
Phenol	108-95-2	0.033	2.280	Yes
POMs Totals	varies	7.577	1.920	No
Propionaldehyde	123-38-6	0.000	+	Yes
Quinone	106-51-4	0.000	0.024	Yes
Selenium	778-249-2	0.003	0.012	Yes
Styrene	100-42-5	0.008	63.900	Yes
Tetrachloroethene	127-18-4	0.003	40.200	Yes
Toluene	108-88-3	23.657	24.000	Yes
Xylene	1330-20-7	1.958	52.200	Yes